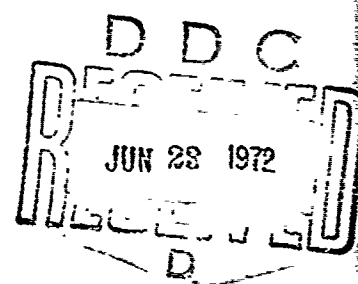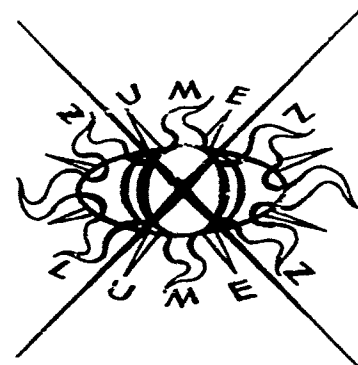AD743608

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TABLES OF THE TWO FACTOR AND THREE
FACTOR GENERALIZED INCOMPLETE
MODIFIED BESSEL DISTRIBUTIONS

Bernard Harris

Andrew P. Soms

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13. ABSTRACT

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TABLES OF THE TWO FACTOR AND THREE FACTOR

GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTIONS

Bernard Harris

Andrew P. Soms

1. Introduction. This report consists of tables of the two factor and three factor generalized incomplete modified Bessel distributions and a brief summary describing the probability mechanisms that give rise to these distributions and some of the possible applications of these tables to statistical problems. In particular, these tables have extensive application to the problem of assessing the reliability of a system of two or three independent parallel components, from data acquired from independent sequences of Bernoulli trials on the separate components. These questions and other closely related topics are discussed in the papers Harris [1] and Harris and Soms [2].

In the summary that follows, Section 2 provides the necessary definitions and a brief description of the tables. Section 3 deals with inter-polation and the statement of some asymptotic results for use when values beyond the end of the table are required. Applications and examples are described in the fourth section.

The authors thank Verlyn Erickson for performing the considerable programming involved.

2. Description of the Tables. Let $X_1(t), X_2(t),\ldots,X_k(t)$ be k independent Poisson processes with intensities $\lambda_1,\lambda_2,\ldots,\lambda_k$ respectively. That is,

$$(1) \quad P\{X_1(t) = x_1, X_2(t) = x_2,\ldots,X_k(t) = x_k\} = e^{-t\sum_{i=1}^{k}\lambda_i} \prod_{i=1}^{k}(\lambda_i t)^{x_i} \Big/ x_i!$$

for $t \geq 0$ and $x_1, x_2, \ldots, x_k$ specified non-negative integers. Let $U_1(t) = X_1(t)$ and $U_i(t) = X_i(t) - X_1(t)$ for $i = 2, 3, \ldots, k$. Then from Harris [1],

$$(2) \quad P\{U_1(t) = u_1, U_2(t) = u_2, \ldots, U_k(t) = u_k\} = \frac{e^{-\lambda_1 t}(\lambda_1 t)^{u_1}}{u_1!} \cdot \prod_{i=2}^{k} \frac{e^{-\lambda_i t}(\lambda_i t)^{u_i + u_1}}{(u_i + u_1)!}$$

for $u_1 = 0, 1, 2, \ldots, u_i = -u_1, -u_1 + 1, -u_1 + 2, \ldots, i = 2, 3, \ldots, k$. Consequently, the conditional distribution of $U_1(t)$ given $U_2(t) = u_2(t)$, $U_3(t) = u_3(t), \ldots, U_k(t) = u_k(t)$ is (see Harris [1]),

$$(3) \quad P_\theta\{U_1(t) = u_1 \mid U_2(t) = u_2, \ldots, U_k(t) = u_k\} =$$

$$= (\theta t^k)^{u_1} / h(u_2, u_3, \ldots, u_k; \theta, t) \, u_1! \prod_{i=2}^{k} (u_i + u_1)! \, ,$$

where $\max(0, \max_{2 \leq i \leq k} (-u_i)) \leq u_1 < \infty$, $t \geq 0$, $\theta = \lambda_1 \lambda_2 \ldots \lambda_k$, and

$$(4) \quad h(u_2, u_3, \ldots, u_k; \theta, t) = \sum_r (\theta t^k)^r / r! \prod_{i=2}^{k} (u_i + r)! \, ,$$

the sum running from $\max(0, \max_{2 \leq i \leq k} (-u_i))$ to ∞.

In particular, let $k = 2$ and $u_2 \geq 0$. Then denoting the modified Bessel function of order v by $I_v(x)$, we have

$$(5) \quad h(u_2; \theta, t) = (\theta t^2)^{-u_2 / 2} I_{u_2}(2t\sqrt{\theta}) \, .$$

Hence, we designate

$$(6) \quad \sum_{u_1 = 0}^{u} (\theta t^2)^{u_1} / u_1! \, (u_1 + u_2)! = (\theta t^2)^{-u_2 / 2} I_{u_2}(u, 2t\sqrt{\theta})$$

and thus

(7) $$P\{U_1(t) \le u \mid U_2(t) = u_2\} = I_{u_2}(u, 2t\sqrt{\theta})/I_{u_2}(2t\sqrt{\theta})$$

and refer to this distribution as the "incomplete modified Bessel function".

Hence, by analogy with (7), we will call

(8) $$P\{U_1(t) \le u \mid U_2(t) = u_2, \dots, U_k(t) = u_k\} = G_{u_2, u_3, \dots, u_k, \theta, t}(u)$$

for $u_i \ge 0$, $i = 2, 3, \dots, k$, $k > 2$, the "generalized incomplete modified Bessel function".

We designate $G_{u_2, u_3, \dots, u_k, \theta, 1}(u)$ by $G_{u_2, u_3, \dots, u_k, \theta}(u)$,

and from this point on we will assume $t = 1$. To use subsequent formulae

for $t \ne 1$ it suffices to replace θ by θt^k. Now, if $\max_{2 \le i \le k}(-u_i) > 0$,

let $v = \max_{2 \le i \le k}(-u_i)$. Then, if $u_2 = -v$,

(9) $$P\{U_1 \le u \mid U_2 = u_2, \dots, U_k = u_k\} = G_{v, u_3+v, \dots, u_k+v, \theta}(u-v).$$

In the tables that follow, for $k = 2$, $u_2 = 0, 1, 2, 3, 4, 5$, and for $k = 3$,

$0 \le u_3 \le u_2 \le 3$, the individual terms and the cumulative distribution function

are tabulated for $\theta = 0.0\ (.01)\ 0.5\ (.1)\ 5.0\ (.2)\ 15.0\ (.5)\ 20.0\ (1.0)\ 25.0\ (5.0^{\cdot}$

100. For each such (u_2, θ) pair $((u_2, u_3, \theta)$ triple) $h(u_2; \theta)$ $(h(u_2, u_3; \theta))$ as

defined by (4) is tabulated.

While these tables have been compiled as if $t = 1$ in (3) or (7), replace-

ment of θ by θt^k permits the use of the tables for some pairs (θ, t) where

$t \ne 1$. Similarly, from (9), the tables are adaptable for some negative values

of u_2 or u_3.

3. Interpolation and Asymptotics.

Through the range of the tables, naive linear interpolation should be satisfactory for most purposes. Note in particular that $G_{u_2, u_3, \ldots, u_k, \theta}(u)$ is a monotonic decreasing function of θ. In Harris and Soms [3], it has also been shown that as $\theta \to \infty$,

$$(10) \qquad G_{u_2, u_3, \ldots, u_k, \theta}(u) \to \Phi(\sqrt{k\theta^{-1/k}}(u - \theta^{1/k})) \, ,$$

where $\Phi(x) = \dfrac{1}{\sqrt{2\pi}} \displaystyle\int_{-\infty}^{x} e^{-\frac{t}{2}} dt$, that is, the standard normal distribution. For $k = 2$, substantial improvement over the approximation (10) is obtained by the following modification. Interpret the probability mass function (3) as a continuous probability density function on $[-\frac{1}{2}, \infty)$, by replacing the point probabilities given by (3) by the corresponding histogram (i.e. step function), which is defined by

$$(11) \qquad g_{u_2}^{*}(u, \theta) = P_{\theta}\{U_1 = u_1 | U_2 = u_2\} \, , \quad u_1 - \frac{1}{2} \le u < u_1 + \frac{1}{2} \, .$$

Then, as $\theta \to \infty$

$$(12) \qquad \int_{-\frac{1}{2}}^{u} g_{u_2}^{*}(t, \theta) dt \to \Phi(\sqrt{2\theta^{-1/2}}(u - (\theta^{1/2} - \frac{(2u_2 + 1)}{4}))).$$

In Table 1, some numerical comparisons are given using (12). In Table 2, the exact means and standard derivations are compared with the approximations used in (12).

Similarly, for $k = 3$, one improves the normal approximation (10) by employing the following approximation for the mean μ :

$$(13) \qquad \mu \sim \theta^{1/3} - \left(\frac{u_2 + u_3 + 1}{3}\right).$$

TABLE 1

Comparison of Selected Percentiles u_p of the Histograms $g^*_{u_2}(u,\theta)$ with the Corresponding Percentiles z_p of the Normal Approximation (12) for $\theta = 100$, $u_2 = 0,1,\ldots,5$

p	$u_2 = 0$		$u_2 = 1$		$u_2 = 2$		$u_2 = 3$		$u_2 = 4$		$u_2 = 5$	
	u_p	z_p	u_p	z_p	u_p	z_p	u_p	z_p	u_p	z_p	u_p	z_p
.01	4.83	4.55	4.50	4.05	3.90	3.55	3.58	3.05	3.14	2.55	2.78	2.05
.05	6.16	6.07	5.70	5.57	5.24	5.07	4.80	4.57	4.50	4.07	4.04	3.57
.10	6.89	6.88	6.47	6.38	5.95	5.88	5.51	5.38	5.13	4.85	4.77	4.38[1]
.20	7.82	7.87	7.34	7.37	6.87	6.87	6.48	6.37	6.04	5.85	5.68	5.37
.30	8.52	8.58	8.01	8.08	7.57	7.58	7.12	7.08	6.72	6.58	6.34	6.08
.40	9.09	9.18	8.62	8.68	8.15	8.18	7.72	7.68	7.31	7.18	6.92	6.68
.50	9.67	9.75	9.18	9.25	8.72	8.75	8.28	8.25	7.87	7.75	7.48	7.25
.60	10.24	10.32	9.76	9.82	9.29	9.32	8.86	8.82	8.43	8.32	8.06	7.82
.70	10.88	10.92	10.37	10.42	9.93	9.92	9.46	9.42	9.07	8.92	8.67	8.42
.80	11.61	11.63	11.14	11.12	10.66	10.62	10.23	10.12	9.82	9.62	9.40	9.12
.90	12.68	12.62	12.21	12.12	11.73	11.62	11.29	11.12	10.89	10.62	10.44	10.12
.95	13.55	13.43	13.13	12.93	12.61	12.43	12.21	11.93	11.77	11.43	11.35	10.93
.99	15.34	14.95	14.87	14.45	14.37	13.95	13.97	13.45	13.46	12.95	13.13	12.45

TABLE 2

Comparison of the Means $\mu(U, u_2)$ and Standard Derivations $\sigma(U, u_2)$ of the "Incomplete Modified Bessel Function" with the Asymptotic Approximations $\mu_A(u_2)$ and $\sigma_A(u_2)$, used in (12), for $\theta = 100$

u_2	$\mu(U, u_2)$	$\mu_A(u_2)$	$\sigma(U, u_2)$	$\sigma_A(u_2)$
$u_2 = 0$	9.75	9.75	2.236	2.236
1	9.26	9.25	2.235	2.236
2	8.80	8.75	2.230	2.236
3	8.36	8.25	2.223	2.236
4	7.96	7.75	2.212	2.236
5	7.57	7.25	2.199	2.236

Thus as $\theta \to \infty$,

$$(14) \qquad \int_{-1/2}^{x} g^{*}_{u_2, u_3}(u, \theta) du \to \Phi(\sqrt{3\theta^{-1/3}}(u - (\theta^{1/3} - \frac{(u_2 + u_3 + 1)}{3}))).$$

4. Applications and Examples.

This distribution arose in the construction confidence intervals for systems of independent parallel components. Here we discuss the use of these tables for this and other purposes.

Example 4.1. The reliability of parallel systems.

Given a parallel system of two independent components, the probability of failure of the system is $p_1 p_2$ where p_i, $i = 1, 2$, are the failure probabilities of the two components. Then, assume an experiment is conducted in which n_1 Bernoulli trials are made on the first component and n_2 Bernoulli trials are made on the second component and x_1 and x_2 failures are observed respectively. Then we obtain an approximate upper confidence limit for $p_1 p_2$ by employing the Poisson approximation to the binomial, that is setting $(n_1 p_1)(n_2 p_2) = \lambda_1 \lambda_2 = \theta$. The distribution tabulated here depends only on θ and thus can be utilized here, namely, the $1 - \alpha$ upper confidence limit for θ, $\bar{\theta}$ is given by

$$(15) \qquad \bar{\theta} = \sup \{ \theta : \sum_{u_1 \leq x_1} P\{U_1 = u_1 | U_2 = x_2 - x_1\} \geq \alpha \}.$$

Then, the corresponding approximate upper confidence limit $\bar{p}$ for $p_1 p_2$ is given by $\bar{\theta} / n_1 n_2$. This is illustrated by the following numerical example.

Let $n_1 = n_2 = 100$, $\alpha = .10$, $x_1 = 1$, $x_2 = 4$. Then $u_2 = x_2 - x_1 = 3$. Hence, we scan the tables for the largest θ such that $s(\theta) = I_3(1, 2\sqrt{\theta})/I_3(2\sqrt{\theta}) \geq .10$.

We find that $s(23) = .10510$ and $s(24) = .09544$. Linear interpolation gives $\bar{\theta} = 23.6$ and hence $\bar{p} = .00236$.

The confidence intervals obtained by this procedure are known to be quite conservative. Exact $1-\alpha$ confidence intervals can be obtained by the using randomized confidence intervals and such confidence intervals for θ using the randomized form of (15) will in fact be uniformly most accurate unbiased confidence intervals (Lehmann [4], pp. 176-180).

For the above data, we choose a random number z on $[0,1]$, then we find that θ for which

$$(16) \qquad Q_z(\theta) = ((1-z)\frac{I_3(0, 2\sqrt{\theta})}{I_3(2\sqrt{\theta})} + z\frac{I_3(1, 2\sqrt{\theta})}{I_3(2\sqrt{\theta})}) = .10 .$$

If, for example, z should be .5, then $Q_{.5}(18.5) = .10131$ and $Q_{.5}(19.0) = .09565$ and linear interpolation gives $\bar{\theta} = 18.4$.

Example 4.2. Let $k = 3$, $n_1 = n_2 = n_3 = 100$, $x_1 = 1$, $x_2 = 2$, $x_3 = 1$, and $\alpha = .10$. Then $u_2 = 1$, $u_3 = 0$ and upon scanning the tables we find $G_{1,0,35}(1) = .12610$ and $G_{1,0,40}(1) = .099813$. Hence, by linear interpolation, we get $\bar{\theta} = 40.0$ and hence $\bar{p} = .000040$. Similarly, the randomized confidence limit for any $z \in [0,1]$ is given by the solution of

$$(17) \qquad Q_z(\theta) = ((1 - z) G_{1,0,\theta}(0) + z G_{1,0,\theta}(1)) = .10$$

and for $z = \frac{1}{2}$, we find $Q_{\frac{1}{2}}(25) = .11272$ and $Q_{\frac{1}{2}}(30) = .08577$. Linear interpolation gives $\bar{\theta} = 27.36$ and hence $\bar{p} = .000027$.

Example 4.3. Let $k = 2$, $n_1 = n_2 = 100$, $x_1 = 6$ and $x_2 = 9$. Thus $u_1 = 6$ and $u_2 = 3$. To find $Q_{.5}(\theta)$ (see (16)), we need to solve

$$Q_{.5}(\theta) = .5 \frac{I_3(5, 2\sqrt{\theta})}{I_3(2\sqrt{\theta})} + .5 \frac{I_3(6, 2\sqrt{\theta})}{I_3(2\sqrt{\theta})}$$

for θ. A cursory glance at the tables shows that $\hat{\theta} > 100$, hence the asymptotic expression (12) should be employed. Thus, instead we will solve

(18)
$$\Phi(\sqrt{2\theta}^{-1/2}(u - (\theta^{1/2} - \frac{2u_2 + 1}{4}))) = .10$$

for θ. Note that

$$\frac{I_3(5, 2\sqrt{\theta})}{I_3(2\sqrt{\theta})} \sim \int_{-.5}^{5.5} g_3^*(t, \theta) dt$$

and

$$\frac{I_3(6, 2\sqrt{\theta})}{I_3(2\sqrt{\theta})} \sim \int_{-.5}^{6.5} g_3^*(t, \theta) dt,$$

hence the randomization for $z = .5$ is accomplished by setting $u = 6$ in (18). Thus we solve

$$\Phi(\sqrt{2\theta}^{-1/2}(6 - (\theta^{1/2} - 1.75))) = .10$$

or

$$\sqrt{2\theta}^{-1/2}(7.75 - \theta^{1/2}) = -1.282.$$

Squaring both sides we have

$$2\theta^{-1/2}(60.0625 - 15.50\theta^{1/2} + \theta) = 1.6435$$

or

$$120.125 - 31\theta^{1/2} + 2\theta - 1.6435\theta^{1/2} = 0,$$

a quadratic in $\theta^{1/2}$. This is easily solved giving $\theta = 115.00$. The actual value of $Q_{.5}(115)$ is $.0893$, indicating that the exact solution is somewhat less than 115.

Example 4.4. Sequential testing of the reliability of parallel systems. We now present two numerical illustrations of the sequential test described in Harris and Soms [2]. Consider the sequence of pairs of binomial experiments $(n_1, p_1, X_{1j}; n_2, p_2, X_{2j})$ and let $\rho = p_1 p_2$, $\lambda_1 = n_1 p_1$, $\lambda_2 = n_2 p_2$, $\theta = \lambda_1 \lambda_2$ and assume that X_{1j} and X_{2j} are independent Poisson random variables with parameters λ_1, λ_2 respectively. Then fix θ_0 and θ_1 with $\theta_0 < \theta_1$ and test the hypothesis $H_0: \theta = \theta_0$ against the alternative $H_1: \theta = \theta_1$ by computing after each observation $u_{2j} = X_{2j} - X_{1j}$ and

$$(19) \qquad Z_j = \log \left(\frac{h(u_2, \theta_0)}{h(u_2, \theta_1)} \right) + X_{1j} \log \left(\frac{\theta_1}{\theta_0} \right) .$$

Continue sampling as long as

$$(20) \qquad b = \log B < \sum_{j=1}^{n} A_j < \log A = a \ ,$$

reject H_0 if $\sum_{j=1}^{n} Z_j \geq \log A$ and accept H_0 if $\sum_{j=1}^{n} Z_j \leq \log B$, where $B = \frac{\beta}{1-\alpha}$ and $A = \frac{1-\beta}{\alpha}$; α and β are the preassigned probabilities of errors of the first and second kind respectively.

In the numerical illustrations that follow, base 10 logarithms have been used. Let $n_1 = n_2 = 50$, $\alpha = \beta = .05$, thus $b = -1.27875$ and $a = 1.27875$. Choose $\theta_0 = .10$ and $\theta_1 = 1.00$. This is the appropriate Poisson approximation for testing $\rho_0 = .00004$ against $\rho_1 = .00040$. To make the artificial data below conform to reality, two random samples have been selected, the first from the Poisson populations with $\lambda_1 = .125$, $\lambda_2 = .8$ and the second from the Poisson populations with $\lambda_1 = .5$, $\lambda_2 = 1.0$. For the first set of data H_0 is true, for the second set, neither H_1 nor H_0 is true. The numerical illustrations follow.

n	$X_{1j}(\lambda=.125)$	$X_{2j}(\lambda=.8)$	$U_2=X_{2j}-X_{1j}$	Z_n	$\sum_{i=1}^{n} Z_i$
1	0	2	2	-1.2480	-.12480
2	0	0	0	-.31549	-.44029
3	0	2	2	-.12480	-.56509
4	0	0	0	-.31549	-.88058
5	0	1	1	-.18004	-1.06062
6	0	0	0	-.31549	-1.37611

After the sixth observation, sampling stops and H_0 is accepted.

n	$X_{1j}(\lambda=5)$	$X_{2j}(\lambda=1)$	$U_2=X_{2j}-X_{1j}$	Z_n	$\sum_{i=i}^{n} Z_i$
1	0	2	2	-.12480	-.12480
2	3	0	-3	-.09517	-.21997
3	1	0	-1	-.18004	-.40001
4	4	2	-2	1.87520	1.47519

After the fourth observation, sampling stops and H_0 is rejected.

Example 4.5.   Inverse Sampling.   D. S. Hwang [3] has given a technique for constructing exact confidence limits on $\prod_{i=1}^{k} P_i$ if negative binomial sampling with parameters r_i, $i \le i \le k$, is used. His Corollary 3.1 relates the k-factor generalized incomplete modified Bessel distribution to his exact conditional distribution, under a certain convergence of the parameters, thus suggesting an asymptotic relationship between confidence intervals. However, his results are applicable to power function estimation, similar to that discussed in [2] between the binomial and Poisson distributions, and not to the result stated below dealing with confidence intervals. Consequently we depart from previous format and give the proof together with a numerical example, since this matter is not dealt with in [2]. In general, all the asymptotic relationships between the binomial and Poisson problems dealt with in [2] hold for the negative binomial and Poisson problems with suitable modifications.

For simplicity, consider the case of two populations, everything generalizing in a straightforward manner to k populations. Fix the values x_1, x_2 of negative binomial random variables X_1, X_2, with parameters r_1, r_2, respectively. Denote the exact $1-\alpha$ upper confidence limit obtained from [3] by $\bar{\theta}_{r_1, r_2}$ and by $\bar{\theta}$ the $1-\alpha$ upper confidence limit obtained for $\lambda_1 \lambda_2$ assuming $X_1 = x_1$, $X_2 = x_2$, under the Poisson model. Then

(21)
$$\lim_{\substack{r_1 \to \infty \\ r_2 \to \infty}} r_1 r_2 \, \bar{\theta}_{r_1, r_2} = \bar{\theta}$$

and thus $\bar{\theta}_{r_1, r_2}$ may be estimated by $\dfrac{\bar{\theta}}{r_1 r_2}$. For the sake of clarity we mention that in a reliability context X_1 is the number of failures preceding

the r_1th success, similarly for X_2, and p_i is the probability of failure of the ith component, $i = 1, 2$. . The limiting assumptions are thus reasonable.

<u>Proof</u>: $\bar{\theta}_{r_1, r_2}$ is the solution of the following equation in θ :

(22)
$$\frac{\displaystyle\sum_{i=L}^{x_1} \binom{r_1 + i - 1}{i} \binom{r_2 + u_2 + i - 1}{u_2 + i} \theta^i}{\displaystyle\sum_{i=L}^{\infty} \binom{r_1 + i - 1}{i} \binom{r_2 + u_2 + i - 1}{u_2 + i} \theta^i} = \alpha ,$$

where the confidence level is $1 - \alpha$, $x_2 - x_1 = u_2$, and $L = \max(0, -u_2)$.

Note that if $L > 0$, i.e., $L = -u_2, u_2 < 0$, we may write (22) as

$$\frac{\displaystyle\sum_{i=0}^{x_2} \binom{r_2 + i - 1}{i} \binom{r_1 - u_2 + i - 1}{-u_2 + i} \theta^i}{\displaystyle\sum_{i=0}^{\infty} \binom{r_2 + i - 1}{i} \binom{r_1 - u_2 + i - 1}{-u_2 + i} \theta^i} = \alpha ,$$

and that this is equivalent to permuting (x_1, x_2) and (r_1, r_2). Thus without loss of generality we assume that $L = 0$ in (22) .

First we assert that $r_1 r_2 \bar{\theta}_{r_1, r_2}$ as a function of r_1, r_2, for fixed x_1, x_2, and α , is bounded. Suppose it is not. Then there exists a subsequence (r_{1j}, r_{2j}), $\bar{\theta}_j = \bar{\theta}_{r_{1j}, r_{2j}}$, $r_{1j} \uparrow \infty$, $r_{2j} \uparrow \infty$ such that $\bar{\theta}_j \frac{(r_{1j} + i)(r_{2j} + u_2 + i)}{(i+1)(u_2 + i + 1)} \to \infty$,

for $i = x_1$, and ≥ 1 for all j , all i , $0 \leq i \leq x_1 - 1$. Write (22) as follows for $\theta = \bar{\theta}_j$:

(23)
$$\frac{\displaystyle\sum_{i=0}^{x_1} a_{i, r_{1j}, r_{2j}} \bar{\theta}_j^i}{\displaystyle\sum_{i=0}^{\infty} a_{i, r_{1j}, r_{2j}} \bar{\theta}_j^i} = \alpha ,$$

and observe that
$$\frac{a_{i+1,r_{1j},r_{2j}}\,\bar{\theta}_j^{\,i+1}}{a_{i,r_{1j},r_{2j}}\,\bar{\theta}_j^{\,i}} = \bar{\theta}_j\left(\frac{r_{1j}+i}{i+1}\right)\left(\frac{r_{2j}+u_2+i}{u_2+i+1}\right).$$

By virtue of the properties of $(r_{1j},r_{2j}),\bar{\theta}_j$, and (23) we have

$$(24)\qquad \alpha = \frac{\displaystyle\sum_{i=0}^{x_1} a_{i,r_{1j},r_{2j}}\,\bar{\theta}_j^{\,i}}{\displaystyle\sum_{i=0}^{\infty} a_{i,r_{1j},r_{2j}}\,\bar{\theta}_j^{\,i}} \leq \frac{(x_1+1)a_{x_1,r_{1j},r_{2j}}\,\bar{\theta}_j^{\,x_1}}{a_{x_1+1,r_{1j},r_{2j}}\,\bar{\theta}_j^{\,x_1+1} + \displaystyle\sum_{\substack{i=0\\i\neq x_1+1}}^{\infty} a_{i,r_{1j},r_{2j}}\,\bar{\theta}_j^{\,i}}$$

$$= \frac{x_1+1}{\delta + \bar{\theta}_j\,\dfrac{(r_{1j}+x_1)(r_{2j}+u_2+x_1)}{(x_1+1)(u_2+x_1+1)}}\,,$$

where $\delta > 0$. This gives a contradiction, since the last expression $\to 0$ as

$j \to \infty$. Thus

$$(25)\qquad r_1 r_2\,\bar{\theta}_{r_1,r_2} < M, \quad \text{a constant.}$$

We can choose r_{10} and r_{20} such that $r_1 \geq r_{10}$ and $r_2 \geq r_{20}$ imply

$$(26)\qquad \frac{M}{r_1 r_2} < \frac{1}{2}.$$

We will only consider such r_1, r_2. We have

$$(27)\qquad \frac{1}{r_2^{\,u_2}}\,a_{i,r_1,r_2}\,\bar{\theta}_{r_1,r_2}^{\,i} = \frac{\left(r_1 r_2\,\bar{\theta}_{r_1,r_2}\right)^i}{i!\,(i+u_2)!}\left(\prod_{j=1}^{i}\left(1+\frac{j-1}{r_1}\right)\right)\prod_{j=1}^{i+u_2}\left(1+\frac{j-1}{r_2}\right),$$

where if the upper limit on "$\prod$" is less than the lower, it is defined to be 1.

Thus, from (25) for fixed i,

$$(28) \quad \lim_{\substack{r_1 \to \infty \\ r_2 \to \infty}} \frac{1}{r_2^{u_2}} a_{i,r_1,r_2} \bar{\theta}_{r_i,r_2}^i = \frac{\left(r_1 r_2 \bar{\theta}_{r_1,r_2} \right)^i}{i!(i+u_2)!} .$$

From (25) and (27)

$$(29) \quad \frac{1}{r_2^{u_2}} a_{i,r_1,r_2} \bar{\theta}_{r_1,r_2}^i \le \frac{1}{r_{20}^{u_2}} a_{i,r_{10},r_{20}} \left(\frac{M}{r_{10}r_{20}} \right)^i .$$

Also, from (27),

$$(30) \quad \frac{1}{r_2^{u_2}} \sum_{i=0}^{\infty} a_{i,r_1,r_2} \bar{\theta}_{r_1,r_2}^i > \frac{1}{u_2!} \prod_{j=1}^{u_2} \left(1 + \frac{j-1}{r_{20}} \right) = c_1 ,$$

and clearly

$$(31) \quad \sum_{i=0}^{\infty} \frac{\left(r_1 r_2 \bar{\theta}_{r_1,r_2} \right)^i}{i!(i+u_2)!} > \frac{1}{u_2!} = c_2 ,$$

and from (25)

$$(32) \quad \frac{\left(r_1 r_2 \bar{\theta}_{r_1 r_2} \right)^i}{i!(i+u_2)!} < \frac{M'}{i!(i+u_2)!} .$$

Then, from (30) and (31)

$$(33) \quad \left| \frac{\sum_{i=0}^{x_1} a_{i,r_1,r_2} \bar{\theta}_{r_1,r_2}^i}{\sum_{i=0}^{\infty} a_{i,r_1,r_2} \bar{\theta}_{r_1,r_2}^i} - \frac{\sum_{i=0}^{x_1} \frac{\left(r_1 r_2 \bar{\theta}_{r_1,r_2} \right)^i}{i!(i+u_2)!}}{\sum_{i=0}^{\infty} \frac{\left(r_1 r_2 \bar{\theta}_{r_1 r_2} \right)^i}{i!(i+u_2)!}} \right|$$

$$\le \frac{1}{c_1 c_2} \left| \left(\sum_{i=0}^{\infty} \frac{\left(r_1 r_2 \bar{\theta}_{r_1 r_2} \right)^i}{i!(i+u_2)!} \right) \left(\frac{1}{r_2^{u_2}} \sum_{i=0}^{x_1} a_{i,r_1,r_2} \bar{\theta}_{r_1,r_2}^i \right) \right.$$

$$\left. - \left(\frac{1}{r_2^{u_2}} \sum_{i=0}^{\infty} a_{i,r_1,r_2} \bar{\theta}_{r_1,r_2}^i \right) \left(\sum_{i=0}^{x_1} \frac{\left(r_1 r_2 \bar{\theta}_{r_1,r_2} \right)^i}{i!(i+u_2)!} \right) \right| ,$$

and from (28), (29), and (32) the right hand side of (33) $\to 0$ as $r_1 \to \infty$, $r_2 \to \infty$, i.e.

$$\lim_{\substack{r_1 \to \infty \\ r_2 \to \infty}} \frac{\sum_{i=0}^{x_1} a_{i,r_1,r_2} \bar{\theta}_{r_1,r_2}^i}{\sum_{i=0}^{\infty} a_{i,r_1,r_2} \bar{\theta}_{r_1,r_2}^i} = \frac{\sum_{i=0}^{x_1} \frac{(r_1 r_2 \bar{\theta}_{r_1,r_2})^i}{i!\,(i+u_2)!}}{\sum_{i=0}^{\infty} \frac{(r_1 r_2 \bar{\theta}_{r_1,r_2})^i}{i!\,(i+u_2)!}} .$$

Then the continuity and monotone likelihood ratio property of $\dfrac{\sum_{i=0}^{x_1} \frac{\theta^i}{i!\,(i+u_2)!}}{\sum_{i=0}^{\infty} \frac{\theta^i}{i!\,(i+u_2)!}}$

imply that

$$\lim r_1 r_2 \bar{\theta}_{r_1,r_2} = \bar{\theta} ,$$

where $\bar{\theta}$ is the unique solution of

$$\frac{\sum_{i=0}^{x_1} \frac{\theta^i}{i!\,(i+u_2)!}}{\sum_{i=0}^{\infty} \frac{\theta^i}{i!\,(i+u_2)!}} = \alpha ,$$

which is the desired conclusion.

To illustrate the above we consider the case where $x_1 = x_2 = 0$, $r_1 = r_2 = 200$, and $\alpha = .05$. Then the exact upper confidence limit on $p_1 p_2$ given by solving (26) is $.000134$. The upper confidence limit on $\lambda_1 \lambda_2$ obtained from the tables is 5.41. Thus the estimated upper confidence limit is

$$\frac{5.41}{(200)^2} = .000135, \text{ in good agreement with the exact value.}$$

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DENSITY OF THE TWO-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   0

THETA=	.00000+000	.10000-001	.20000-001	.30000-001	.40000-001
-I-			P(I)		
0	.10000+001	.99007+000	.98030+000	.97066+000	.96117+000
1		.99007-002	.19606-001	.29120-001	.38447-001
2		.24752-004	.98030-004	.21840-003	.38447-003
H =	.10000+001	.10100+001	.10201+001	.10302+001	.10404+001

THETA=	.50000-001	.60000-001	.70000-001	.80000-001	.90000-001
-I-			P(I)		
0	.95181+000	.94259+000	.93350+000	.92454+000	.91571+000
1	.47591-001	.56555-001	.65345-001	.73964-001	.82414-001
2	.59498-003	.84833-003	.11435-002	.14793-002	.18543-002
3		.56555-005	.88942-005	.13149-004	.18543-004
H =	.10506+001	.10609+001	.10712+001	.10816+001	.10920+001

THETA=	.10000+000	.11000+000	.12000+000	.13000+000	.14000+000
-I-			P(I)		
0	.90701+000	.89842+000	.88996+000	.88161+000	.87338+000
1	.90701-001	.98826-001	.10680+000	.11461+000	.12227+000
2	.22675-002	.27177-002	.32039-002	.37248-002	.42796-002
3	.25195-004	.33217-004	.42718-004	.53803-004	.66571-004
H =	.11025+001	.11131+001	.11236+001	.11343+001	.11450+001

THETA=	.15000+000	.16000+000	.17000+000	.18000+000	.19000+000
-I-			P(I)		
0	.86526+000	.85725+000	.84936+000	.84156+000	.83388+000
1	.12979+000	.13716+000	.14439+000	.15148+000	.15844+000
2	.48671-002	.54864-002	.61366-002	.68167-002	.75257-002
3	.81118-004	.97536-004	.11591-003	.13633-003	.15888-003
H =	.11557+001	.11665+001	.11774+001	.11883+001	.11992+001

THETA=	.20000+000	.21000+000	.22000+000	.23000+000	.24000+000
-I-			P(I)		
0	.82629+000	.81881+000	.81142+000	.80414+000	.79695+000
1	.16526+000	.17195+000	.17851+000	.18495+000	.19127+000
2	.82629-002	.90274-002	.98182-002	.10635-001	.11476-001
3	.18362-003	.21064-003	.24000-003	.27178-003	.30603-003
H =	.12102+001	.12213+001	.12324+001	.12436+001	.12548+001

DENSITY OF THE TWO-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   0

THETA=	.25000+000	.26000+000	.27000+000	.28000+000	.29000+000
-I-			P(I)		
0	.78985+000	.78284+000	.77593+000	.76910+000	.76236+000
1	.19746+000	.20354+000	.20950+000	.21535+000	.22108+000
2	.12341-001	.13230-001	.14141-001	.15074-001	.16029-001
3	.34282-003	.38220-003	.42424-003	.46898-003	.51648-003
4	.53565-005	.62108-005	.71590-005	.82072-005	.93612-005
H =	.12661+001	.12774+001	.12888+001	.13002+001	.13117+001

THETA=	.30000+000	.31000+000	.32000+000	.33000+000	.34000+000
-I-			P(I)		
0	.75571+000	.74914+000	.74265+000	.73624+000	.72992+000
1	.22671+000	.23223+000	.23765+000	.24296+000	.24817+000
2	.17003-001	.17998-001	.19012-001	.20044-001	.21095-001
3	.56678-003	.61993-003	.67598-003	.73496-003	.79691-003
4	.10627-004	.12011-004	.13520-004	.15158-004	.16934-004
H =	.13233+001	.13349+001	.13465+001	.13582+001	.13700+001

THETA=	.35000+000	.36000+000	.37000+000	.38000+000	.39000+000
-I-			P(I)		
0	.72367+000	.71750+000	.71141+000	.70539+000	.69944+000
1	.25329+000	.25830+000	.26322+000	.26805+000	.27278+000
2	.22162-001	.23247-001	.24348-001	.25464-001	.26596-001
3	.86187-003	.92988-003	.10010-002	.10752-002	.11525-002
4	.18853-004	.20922-004	.23147-004	.25535-004	.28092-004
H =	.13818+001	.13937+001	.14057+001	.14177+001	.14297+001

THETA=	.40000+000	.41000+000	.42000+000	.43000+000	.44000+000
-I-			P(I)		
0	.69357+000	.68776+000	.68203+000	.67636+000	.67077+000
1	.27743+000	.28198+000	.28645+000	.29084+000	.29514+000
2	.27743-001	.28903-001	.30077-001	.31265-001	.32465-001
3	.12330-002	.13167-002	.14036-002	.14938-002	.15872-002
4	.30825-004	.33741-004	.36845-004	.40145-004	.43648-004
H =	.14418+001	.14540+001	.14662+001	.14785+001	.14908+001

THETA=	.45000+000	.46000+000	.47000+000	.48000+000	.49000+000
-I-			P(I)		
0	.66523+000	.65977+000	.65437+000	.64903+000	.64375+000
1	.29936+000	.30349+000	.30755+000	.31153+000	.31544+000
2	.33678-001	.34902-001	.36137-001	.37384-001	.38641-001
3	.16839-002	.17839-002	.18872-002	.19938-002	.21038-002
4	.47359-004	.51286-004	.55436-004	.59814-004	.64429-004
H =	.15032+001	.15157+001	.15282+001	.15408+001	.15534+001

DENSITY OF THE TWO-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   0

THETA=	.50000+000	.60000+000	.70000+000	.80000+000	.90000+000
-I-			P(I)		
0	.63854+000	.58954+000	.54572+000	.50634+000	.47083+000
1	.31927+000	.35373+000	.38200+000	.40507+000	.42374+000
2	.39908-001	.53059-001	.66850-001	.81014-001	.95342-001
3	.22371-002	.35373-002	.51995-002	.72013-002	.95342-002
4	.69286-004	.13265-003	.22748-003	.36006-003	.53630-003
5			.63693-005	.11522-004	.19307-004
H =	.15661+001	.16962+001	.18325+001	.19750+001	.21239+001

THETA=	.10000+001	.11000+001	.12000+001	.13000+001	.14000+001
-I-			P(I)		
0	.43868+000	.40948+000	.38288+000	.35858+000	.33633+000
1	.43868+000	.45043+000	.45946+000	.46616+000	.47086+000
2	.10967+000	.12387+000	.13784+000	.15150+000	.16480+000
3	.12185-001	.15139-001	.18378-001	.21884-001	.25636-001
4	.76159-003	.10408-002	.13784-002	.17760-002	.22431-002
5	.30464-004	.45796-004	.66162-004	.92458-004	.12562-003
6					.48850-005
H =	.22796+001	.24421+001	.26118+001	.27888+001	.29733+001

THETA=	.15000+001	.16000+001	.17000+001	.18000+001	.19000+001
-I-			P(I)		
0	.31590+000	.29710+000	.27976+000	.26374+000	.24891+000
1	.47385+000	.47535+000	.47559+000	.47473+000	.47293+000
2	.17769+000	.19014+000	.20213+000	.21363+000	.22464+000
3	.29615-001	.33803-001	.38179-001	.42726-001	.47425-001
4	.27764-002	.33803-002	.40556-002	.48067-002	.56317-002
5	.16659-003	.21634-003	.27585-003	.34608-003	.42801-003
6	.69411-005	.96150-005	.13026-004	.17304-004	.22589-004
H =	.31656+001	.33659+001	.35745+001	.37916+001	.40175+001

THETA=	.20000+001	.21000+001	.22000+001	.23000+001	.24000+001
-I-			P(I)		
0	.23516+000	.22239+000	.21052+000	.19945+000	.18912+000
1	.47033+000	.46703+000	.46313+000	.45873+000	.45390+000
2	.23516+000	.24519+000	.25472+000	.26377+000	.27234+000
3	.52259-001	.57211-001	.62266-001	.67408-001	.72624-001
4	.65323-002	.75089-002	.85615-002	.96899-002	.10894-001
5	.52259-003	.63075-003	.75341-003	.89147-003	.10458-002
6	.29033-004	.36794-004	.46042-004	.56955-004	.69719-004
H =	.42524+001	.44965+001	.47503+001	.50138+001	.52875+001

DENSITY OF THE TWO-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   0

THETA=	.25000+001	.26000+001	.27000+001	.28000+001	.29000+001
-I-			P(I)		
0	.17948+000	.17046+000	.16201+000	.15410+000	.14667+000
1	.44870+000	.44320+000	.43744+000	.43147+000	.42533+000
2	.29044+000	.28808+000	.29527+000	.30203+000	.30836+000
3	.77900-001	.83223-001	.88582-001	.93965-001	.99362-001
4	.12172-001	.13524-001	.14948-001	.16444-001	.18009-001
5	.12172-002	.14065-002	.16144-002	.18417-002	.20891-002
6	.84527-004	.10158-003	.12108-003	.14324-003	.16829-003
7		.53899-005	.66718-005	.81854-005	.99599-005
H =	.55716+001	.58664+001	.61723+001	.64894+001	.68182+001

THETA=	.30000+001	.31000+001	.32000+001	.33000+001	.34000+001
-I-			P(I)		
0	.13968+000	.13312+000	.12694+000	.12112+000	.11563+000
1	.41905+000	.41267+000	.40621+000	.39969+000	.39313+000
2	.31429+000	.31982+000	.32496+000	.32974+000	.33416+000
3	.10476+000	.11016+000	.11554+000	.12090+000	.12624+000
4	.19643-001	.21343-001	.23109-001	.24937-001	.26826-001
5	.23572-002	.26466-002	.29579-002	.32916-002	.36483-002
6	.19643-003	.22790-003	.26292-003	.30173-003	.34456-003
7	.12026-004	.14418-004	.17171-004	.20321-004	.23908-004
H =	.71590+001	.75121+001	.78778+001	.82565+001	.86485+001

THETA=	.35000+001	.36000+001	.37000+001	.38000+001	.39000+001
-I-			P(I)		
0	.11044+000	.10555+000	.10092+000	.96548-001	.92405-001
1	.38656+000	.37998+000	.37342+000	.36688+000	.36038+000
2	.33824+000	.34198+000	.34541+000	.34854+000	.35137+000
3	.13154+000	.13679+000	.14200+000	.14716+000	.15226+000
4	.28774-001	.30779-001	.32838-001	.34951-001	.37314-001
5	.40283-002	.44321-002	.48601-002	.53125-002	.57897-002
6	.39164-003	.44321-003	.49951-003	.56076-003	.62722-003
7	.27974-004	.32562-004	.37718-004	.43488-004	.49921-004
H =	.90543+001	.94741+001	.99084+001	.10358+002	.10822+002

DENSITY OF THE TWO-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   C

THETA=	.40000+001	.41000+001	.42000+001	.43000+001	.44000+001
-I-			P(I)		
0	.88481-001	.84760-001	.81231-001	.77882-001	.74700-001
1	.35392+000	.34752+000	.34117+000	.33489+000	.32868+000
2	.35392+000	.35620+000	.35823+000	.36001+000	.36155+000
3	.15730+000	.16227+000	.16717+000	.17200+000	.17676+000
4	.39325-001	.41582-001	.43883-001	.46226-001	.48608-001
5	.62519-002	.68194-002	.73724-002	.79509-002	.85551-002
6	.69911-003	.77665-003	.86011-003	.94969-003	.10456-002
7	.57070-004	.64986-004	.73724-004	.83340-004	.93892-004
8			.48381-005	.55994-005	.64551-005
H =	.11302+002	.11798+002	.12311+002	.12840+002	.13387+002

THETA=	.45000+001	.46000+001	.47000+001	.48000+001	.49000+001
-I-			P(I)		
0	.71677-001	.68803-001	.66068-001	.63465-001	.60986-001
1	.32255+000	.31649+000	.31052+000	.30463+000	.29883+000
2	.36287+000	.36397+000	.36486+000	.36556+000	.36607+000
3	.19143+000	.18603+000	.19054+000	.19497+000	.19931+000
4	.51028-001	.53483-001	.55971-001	.58490-001	.61037-001
5	.91851-002	.98409-002	.10523-001	.11230-001	.11963-001
6	.11481-002	.12574-002	.13738-002	.14973-002	.16283-002
7	.10544-003	.11805-003	.13177-003	.14668-003	.16283-003
8	.74138-005	.84845-005	.96769-005	.11001-004	.12467-004
H =	.13951+002	.14534+002	.15136+002	.15757+002	.16397+002

THETA=	.50000+001	.52000+001	.54000+001	.56000+001	.58000+001
-I-			P(I)		
0	.58624-001	.54225-001	.50219-001	.46566-001	.43228-001
1	.29312+000	.28197+000	.27118+000	.26077+000	.25072+000
2	.36640+000	.36656+000	.36610+000	.36508+000	.36355+000
3	.20356+000	.21179+000	.21966+000	.22716+000	.23429+000
4	.63611-001	.68832-001	.74135-001	.79505-001	.84928-001
5	.12722-001	.14317-001	.16013-001	.17809-001	.19703-001
6	.17670-002	.20680-002	.24020-002	.27703-002	.31744-002
7	.18030-003	.21946-003	.26471-003	.31661-003	.37575-003
8	.14086-004	.17831-004	.22335-004	.27703-004	.34052-004
H =	.17058+002	.18442+002	.19913+002	.21475+002	.23133+002

DENSITY OF THE TWO-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U2 = 0$

THETA=	.60000+001	.62000+001	.64000+001	.66000+001	.68000+001
-I-			P(I)		
0	.40173-001	.37374-001	.34805-001	.32443-001	.30270-001
1	.24104+000	.23172+000	.22275+000	.21412+000	.20583+000
2	.36156+000	.35916+000	.35640+000	.35331+000	.34992+000
3	.24104+000	.24742+000	.25344+000	.25909+000	.26438+000
4	.90390-001	.95877-001	.10138+000	.10687+000	.11236+000
5	.21694-001	.23777-001	.25952-001	.28215-001	.30563-001
6	.36156-002	.40950-002	.45137-002	.51727-002	.57730-002
7	.44273-003	.51814-003	.60261-003	.69674-003	.80115-003
8	.41506-004	.50195-004	.60261-004	.71851-004	.85122-004
9			.47613-005	.58545-005	.71460-005
H =	.24892+002	.26757+002	.28732+002	.30823+002	.33036+002

THETA=	.70000+001	.72000+001	.74000+001	.76000+001	.78000+001
-I-			P(I)		
0	.28267-001	.26420-001	.24713-001	.23136-001	.21675-001
1	.19787+000	.19022+000	.18298+000	.17583+000	.16907+000
2	.34627+000	.34240+000	.33833+000	.33408+000	.32968+000
3	.26932+000	.27392+000	.27818+000	.28211+000	.28572+000
4	.11783+000	.12326+000	.12866+000	.13400+000	.13929+000
5	.32992-001	.35500-001	.38083-001	.40737-001	.43458-001
6	.64152-002	.71000-002	.78281-002	.86000-002	.94159-002
7	.91645-003	.10433-002	.11822-002	.13339-002	.14989-002
8	.10024-003	.11737-003	.13669-003	.15840-003	.18267-003
9	.86624-005	.10433-004	.12488-004	.14862-004	.17591-004
H =	.35377+002	.37850+002	.40464+002	.43224+002	.46136+002

THETA=	.80000+001	.82000+001	.84000+001	.86000+001	.88000+001
-I-			P(I)		
0	.20322-001	.19066-001	.17901-001	.16818-001	.15811-001
1	.16257+000	.15634+000	.15037+000	.14464+000	.13914+000
2	.32515+000	.32051+000	.31577+000	.31097+000	.30610+000
3	.28902+000	.29202+000	.29472+000	.29715+000	.29930+000
4	.14451+000	.14966+000	.15473+000	.15972+000	.16461+000
5	.46243-001	.49088-001	.51989-001	.54942-001	.57944-001
6	.10276-001	.11181-001	.12131-001	.13125-001	.14164-001
7	.16778-002	.18711-002	.20796-002	.23036-002	.25438-002
8	.20972-003	.23974-003	.27294-003	.30955-003	.34977-003
9	.20713-004	.24270-004	.28305-004	.32865-004	.37999-004
H =	.49209+002	.52448+002	.55863+002	.59460+002	.63247+002

DENSITY OF THE TWO-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   0

THETA=	.90000+001	.92000+001	.94000+001	.96000+001	.98000+001
-I-			P(I)		
0	.14873-001	.14000-001	.13185-001	.12425-001	.11716-001
1	.13386+000	.12880+000	.12394+000	.11928+000	.11482+000
2	.30119+000	.29624+000	.29127+000	.28628+000	.28130+000
3	.30119+000	.30282+000	.30421+000	.30537+000	.30630+000
4	.16942+000	.17412+000	.17872+000	.18322+000	.18761+000
5	.60990-001	.64077-001	.67200-001	.70357-001	.73543-001
6	.15247-001	.16375-001	.17547-001	.18762-001	.20020-001
7	.28006-002	.30745-002	.33661-002	.36758-002	.40040-002
8	.39383-003	.44196-003	.49440-003	.55137-003	.61311-003
9	.43759-004	.50198-004	.57374-004	.65347-004	.74179-004
10			.53932-005	.62733-005	.72695-005
H =	.67234+002	.71429+002	.75841+002	.80480+002	.85355+002

THETA=	.10000+002	.10200+002	.10400+002	.10600+002	.10800+002
-I-			P(I)		
0	.11053-001	.10433-001	.98522-002	.93088-002	.87996-002
1	.11053+000	.10641+000	.10246+000	.98673-001	.95035-001
2	.27632+000	.27135+000	.26640+000	.26148+000	.25660+000
3	.30702+000	.30753+000	.30784+000	.30797+000	.30791+000
4	.19189+000	.19605+000	.20010+000	.20403+000	.20784+000
5	.76755-001	.79988-001	.83241-001	.86509-001	.89788-001
6	.21321-001	.22663-001	.24047-001	.25472-001	.26936-001
7	.43512-002	.47177-002	.51039-002	.55103-002	.59370-002
8	.67987-003	.75188-003	.82939-003	.91264-003	.10019-002
9	.83935-004	.94681-004	.10649-003	.11943-003	.13358-003
10	.83935-005	.96575-005	.11075-004	.12660-004	.14427-004
H =	.90476+002	.95854+002	.10150+003	.10743+003	.11364+003

THETA=	.11000+002	.11200+002	.11400+002	.11600+002	.11800+002
-I-			P(I)		
0	.83222-002	.78743-002	.74538-002	.70589-002	.66877-002
1	.91544-001	.88192-001	.84973-001	.81883-001	.78915-001
2	.25175+000	.24694+000	.24217+000	.23746+000	.23280+000
3	.30769+000	.30730+000	.30675+000	.30606+000	.30523+000
4	.21154+000	.21511+000	.21856+000	.22189+000	.22511+000
5	.93076-001	.96369-001	.99664-001	.10296+000	.10625+000
6	.28440-001	.29981-001	.31560-001	.33176-001	.34826-001
7	.63845-002	.68529-002	.73426-002	.78538-002	.83867-002
8	.10973-002	.11993-002	.13079-002	.14235-002	.15463-002
9	.14902-003	.16582-003	.18408-003	.20385-003	.22526-003
10	.15392-004	.18572-004	.20985-004	.23638-004	.26581-004
H =	.12016+003	.12700+003	.13416+003	.14167+003	.14953+003

DENSITY OF THE TWO-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 0

THETA=	.12000+002	.12200+002	.12400+002	.12600+002	.12800+002
-I-			P(I)		
0	.63388-002	.60104-002	.57014-002	.54103-002	.51361-002
1	.76065-001	.73327-001	.70697-001	.68170-001	.65742-001
2	.22820+000	.22365+000	.21916+000	.21474+000	.21037+000
3	.30426+000	.30317+000	.30195+000	.30063+000	.29920+000
4	.22820+000	.23117+000	.23402+000	.23675+000	.23936+000
5	.10953+000	.11281+000	.11607+000	.11932+000	.12255+000
6	.36511-001	.38230-001	.39980-001	.41762-001	.43574-001
7	.89415-002	.95184-002	.10117-001	.10739-001	.11383-001
8	.16765-002	.18144-002	.19603-002	.21142-002	.22765-002
9	.24838-003	.27329-003	.30009-003	.32888-003	.35974-003
10	.29805-004	.33341-004	.37211-004	.41438-004	.46047-004
11					.48711-005
H =	.15776+003	.16638+003	.17540+003	.18423+003	.19470+003

THETA=	.13000+002	.13200+002	.13400+002	.13600+002	.13800+002
-I-			P(I)		
0	.48775-002	.46337-002	.44036-002	.41864-002	.39813-002
1	.63408-001	.61165-001	.59008-001	.56935-001	.54941-001
2	.20608+000	.20184+000	.19768+000	.19358+000	.18955+000
3	.29766+000	.29604+000	.29432+000	.29252+000	.29064+000
4	.24185+000	.24423+000	.24649+000	.24864+000	.25068+000
5	.12576+000	.12895+000	.13212+000	.13526+000	.13837+000
6	.45414-001	.47283-001	.49178-001	.51099-001	.53043-001
7	.12049-001	.12737-001	.13449-001	.14182-001	.14939-001
8	.24474-002	.26271-002	.28158-002	.30138-002	.32212-002
9	.39279-003	.42812-003	.46583-003	.50602-003	.54879-003
10	.51063-004	.56512-004	.62421-004	.68818-004	.75733-004
11	.54861-005	.61649-005	.69127-005	.77349-005	.86373-005
H =	.20502+003	.21581+003	.22709+003	.23887+003	.25118+003

DENSITY OF THE TWO-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   0

THETA=	.14000+002	.14200+002	.14400+002	.14600+002	.14800+002
-I-			P(I)		
0	.37875-002	.36043-002	.34310-002	.32671-002	.31121-002
1	.53024-001	.51180-001	.49407-001	.47700-001	.46058-001
2	.18559+000	.18169+000	.17786+000	.17411+000	.17042+000
3	.28869+000	.28667+000	.28458+000	.28244+000	.28024+000
4	.25260+000	.25442+000	.25612+000	.25773+000	.25922+000
5	.14146+000	.14451+000	.14753+000	.15051+000	.15346+000
6	.55011-001	.57001-001	.59011-001	.61041-001	.63089-001
7	.15717-001	.16519-001	.17342-001	.18188-001	.19055-001
8	.34382-002	.36651-002	.39020-002	.41491-002	.44066-002
9	.59426-003	.64252-003	.69368-003	.74786-003	.80515-003
10	.83196-004	.91238-004	.99890-004	.10919-003	.11916-003
11	.96260-005	.10707-004	.11888-004	.13175-004	.14575-004
H =	.26403+003	.27745+003	.29146+003	.30608+003	.32133+003

THETA=	.15000+002	.15500+002	.16000+002	.16500+002	.17000+002
-I-			P(I)		
0	.29652-002	.26311-002	.23388-002	.20825-002	.18573-002
1	.44478-001	.40783-001	.37421-001	.34362-001	.31574-001
2	.16679+000	.15803+000	.14969+000	.14174+000	.13419+000
3	.27799+000	.27217+000	.26611+000	.25986+000	.25347+000
4	.26062+000	.26366+000	.26611+000	.26798+000	.26931+000
5	.15637+000	.16347+000	.17031+000	.17687+000	.18313+000
6	.65154-001	.70383-001	.75693-001	.81064-001	.86480-001
7	.19945-001	.22264-001	.24716-001	.27297-001	.30003-001
8	.46746-002	.53921-002	.61790-002	.70375-002	.79696-002
9	.86567-003	.10318-002	.12205-002	.14336-002	.16726-002
10	.12985-003	.15993-003	.19529-003	.23654-003	.28435-003
11	.16097-004	.20487-004	.25823-004	.32255-004	.39950-004
12					.47163-005
H =	.33724+003	.38006+003	.42756+003	.48019+003	.53841+003

DENSITY OF THE TWO-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 0

THETA=	.17500+002	.18000+002	.18500+002	.19000+002	.19500+002
-I-			P(I)		
0	.16590-002	.14842-002	.13296-002	.11928-002	.10715-002
1	.29033-001	.26715-001	.24598-001	.22663-001	.20894-001
2	.12702+000	.12022+000	.11376+000	.10765+000	.10186+000
3	.24699+000	.24043+000	.23385+000	.22726+000	.22069+000
4	.27014+000	.27049+000	.27039+000	.26987+000	.26897+000
5	.18910+000	.19475+000	.20009+000	.20510+000	.20979+000
6	.91923-001	.97375-001	.10282+000	.10825+000	.11364+000
7	.32830-001	.35771-001	.38821-001	.41974-001	.45224-001
8	.89768-002	.10060-001	.11222-001	.12461-001	.13779-001
9	.19394-002	.22357-002	.25630-002	.29229-002	.33172-002
10	.33940-003	.40242-003	.47415-003	.55536-003	.64685-003
11	.49087-004	.59864-004	.72494-004	.87205-004	.10424-003
12	.59654-005	.74830-005	.93134-005	.11506-004	.14116-004
H =	.60275+003	.67378+003	.75210+003	.83837+003	.93329+003

THETA=	.20000+002	.21000+002	.22000+002	.23000+002	.24000+002
-I-			P(I)		
0	.96373-003	.78252-003	.63831-003	.52292-003	.43013-003
1	.19275-001	.16433-001	.14043-001	.12027-001	.10323-001
2	.96373-001	.86272-001	.77235-001	.69156-001	.61939-001
3	.21416+000	.20130+000	.18880+000	.17673+000	.16517+000
4	.26770+000	.26421+000	.25960+000	.25405+000	.24775+000
5	.21416+000	.22194+000	.22844+000	.23373+000	.23784+000
6	.11898+000	.12956+000	.13961+000	.14933+000	.15856+000
7	.48563-001	.55484-001	.62680-001	.70092-001	.77663-001
8	.15176-001	.18206-001	.21546-001	.25189-001	.29124-001
9	.37471-002	.47200-002	.58521-002	.71526-002	.86293-002
10	.74943-003	.99120-003	.12875-002	.16451-002	.20710-002
11	.12387-003	.17203-003	.23408-003	.31270-003	.41078-003
12	.17205-004	.25087-004	.35763-004	.49946-004	.68464-004
13			.46555-005	.67973-005	.97226-005
H =	.10376+004	.12779+004	.15666+004	.19123+004	.23249+004

DENSITY OF THE TWO-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$$U2 = 0$$

THETA=	.25000+002	.30000+002	.35000+002	.40000+002	.45000+002
-I-			P(I)		
0	.35515-003	.14329-003	.61970-004	.28327-004	.13553-004
1	.88787-002	.42987-002	.21689-002	.11331-002	.60987-003
2	.55492-001	.32241-001	.18978-001	.11331-001	.68611-002
3	.15414+000	.10747+000	.73804-001	.50359-001	.34305-001
4	.24085+000	.20150+000	.16145+000	.12590+000	.96484-001
5	.24085+000	.24180+000	.22602+000	.20144+000	.17367+000
6	.16726+000	.20150+000	.21975+000	.22382+000	.21709+000
7	.85336-001	.12337+000	.15696+000	.18271+000	.19937+000
8	.33334-001	.57829-001	.85836-001	.11419+000	.14018+000
9	.10288-001	.21418-001	.37091-001	.56392-001	.77878-001
10	.25721-002	.64255-002	.12982-001	.22557-001	.35045-001
11	.53142-003	.15931-002	.37550-002	.74568-002	.13033-001
12	.92261-004	.33190-003	.91269-003	.20713-002	.40729-002
13	.13648-004	.58916-004	.18902-003	.49026-003	.10845-002
14		.90178-005	.33753-004	.10005-003	.24859-003
15			.52505-005	.17787-004	.49798-004
16					.87536-005
H =	.28157+004	.69788+004	.16137+005	.35302+005	.73786+005

THETA=	.50000+002	.55000+002	.60000+002	.65000+002	.70000+002
-I-			P(I)		
0	.67377-005	.34616-005	.18300-005	.99213-006	.55004-006
1	.33688-003	.19039-003	.10980-003	.64488-004	.38503-004
2	.42110-002	.26178-002	.16470-002	.10479-002	.67380-003
3	.23395-001	.15998-001	.10980-001	.75684-002	.52407-002
4	.73108-001	.54992-001	.41175-001	.30747-001	.22928-001
5	.14622+000	.12098+000	.98821-001	.79941-001	.64198-001
6	.20308+000	.18484+000	.16470+000	.14434+000	.12483+000
7	.20722+000	.20747+000	.20168+000	.19147+000	.17833+000
8	.16189+000	.17829+000	.18907+000	.19446+000	.19505+000
9	.99934-001	.12106+000	.14005+000	.15605+000	.16856+000
10	.49967-001	.66585-001	.84032-001	.10143+000	.11799+000
11	.20648-001	.30266-001	.41669-001	.54488-001	.68259-001
12	.71693-002	.11560-001	.17362-001	.24595-001	.33182-001
13	.21211-002	.37621-002	.61640-002	.94597-002	.13744-001
14	.54110-003	.10557-002	.18869-002	.31372-002	.49085-002
15	.12024-003	.25806-003	.50318-003	.90629-003	.15271-002
16	.23485-004	.55442-004	.11793-003	.23011-003	.41757-003
17		.10551-004	.24484-004	.51756-004	.10114-003
18			.45342-005	.10383-004	.21851-004
19					.42371-005
H =	.14842+006	.28889+006	.54644+006	.10079+007	.18180+007

DENSITY OF THE TWO-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   0

THETA=	.75000+002	.80000+002	.85000+002	.90000+002	.95000+002
-I-			P(I)		
0	.31113-006	.17921-006	.10494-006	.62383-007	.37603-007
1	.23335-004	.14337-004	.89198-005	.56145-005	.35722-005
2	.43752-003	.28673-003	.18955-003	.12633-003	.84841-004
3	.36460-002	.25487-002	.17302-002	.12633-002	.89554-003
4	.17091-001	.12744-001	.95102-002	.71058-002	.53173-002
5	.51272-001	.40780-001	.32335-001	.25581-001	.20206-001
6	.10682+000	.90622-001	.76346-001	.63952-001	.53320-001
7	.16350+000	.14795+000	.13244+000	.11746+000	.10338+000
8	.19160+000	.18494+000	.17589+000	.16518+000	.15345+000
9	.17740+000	.18266+000	.18458+000	.18354+000	.17997+000
10	.13305+000	.14613+000	.15689+000	.16518+000	.17097+000
11	.82471-001	.96613-001	.11021+000	.12286+000	.13423+000
12	.42954-001	.53674-001	.65056-001	.76790-001	.88558-001
13	.19062-001	.25408-001	.32721-001	.40894-001	.49781-001
14	.72942-002	.10370-001	.14190-001	.18778-001	.24129-001
15	.24314-002	.36873-002	.53607-002	.75111-002	.10188-001
16	.71233-003	.11523-002	.17799-002	.26406-002	.37806-002
17	.19486-003	.31897-003	.52351-003	.82234-003	.12427-002
18	.42792-004	.78753-004	.13734-003	.22843-003	.36438-003
19	.89902-005	.17453-004	.32338-004	.56949-004	.95891-004
20			.68717-005	.12813-004	.22774-004
21					.49060-005
H =	.32141+007	.55801+007	.95294+007	.16030+008	.26594+008

DENSITY OF THE TWO-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   0

THETA= .10000+003

-I-	P(I)
0	.22958-007
1	.22958-005
2	.57394-004
3	.63772-003
4	.39857-002
5	.15943-001
6	.44286-001
7	.90379-001
8	.14122+000
9	.17434+000
10	.17434+000
11	.14408+000
12	.10006+000
13	.59206-001
14	.30207-001
15	.13425-001
16	.52443-002
17	.18146-002
18	.56008-003
19	.15515-003
20	.38786-004
21	.87951-005
H =	.43558+008

U2 =   1

THETA=	.00000+000	.10000-001	.20000-001	.30000-001	.40000-001
-I-			P(I)		
0	.10000+001	.99502+000	.99007+000	.98515+000	.98026+000
1		.49751-002	.99007-002	.14777-001	.19605-001
2		.82918-005	.33002-004	.73886-004	.13070-003
H =	.10000+001	.10050+001	.10100+001	.10151+001	.10201+001

THETA=	.50000-001	.60000-001	.70000-001	.80000-001	.90000-001
-I-			P(I)		
0	.97541+000	.97059+000	.96580+000	.96104+000	.95632+000
1	.24385-001	.29118-001	.33803-001	.38442-001	.43034-001
2	.20321-003	.29118-003	.39437-003	.51256-003	.64551-003
H =	.10252+001	.10303+001	.10354+001	.10405+001	.10457+001

DENSITY OF THE TWO-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$$U2 = 1$$

THETA=	.10000+000	.11000+000	.12000+000	.13000+000	.14000+000
-I-	---------------------------P(I)------------------------				
0	.95162+000	.94695+000	.94232+000	.93771+000	.93314+000
1	.47581-001	.52082-001	.56539-001	.60951-001	.65320-001
2	.79302-003	.95485-003	.11308-002	.13206-002	.15241-002
3	.66085-005	.87527-005	.11308-004	.14307-004	.17781-004
H =	.10508+001	.10560+001	.10612+001	.10664+001	.10717+001

THETA=	.15000+000	.16000+000	.17000+000	.18000+000	.19000+000
-I-	---------------------------P(I)------------------------				
0	.92859+000	.92408+000	.91959+000	.91513+000	.91070+000
1	.69644-001	.73926-001	.78165-001	.82362-001	.86517-001
2	.17411-002	.19714-002	.22147-002	.24709-002	.27397-002
3	.21764-004	.26285-004	.31375-004	.37063-004	.43378-004
H =	.10769+001	.10822+001	.10874+001	.10927+001	.10981+001

THETA=	.20000+000	.21000+000	.22000+000	.23000+000	.24000+000
-I-	---------------------------P(I)------------------------				
0	.90630+000	.90192+000	.89758+000	.89326+000	.88897+000
1	.90630-001	.94702-001	.98734-001	.10272+000	.10668+000
2	.30210-002	.33146-002	.36202-002	.39378-002	.42671-002
3	.50350-004	.59005-004	.66371-004	.75474-004	.85341-004
H =	.11034+001	.11087+001	.11141+001	.11195+001	.11249+001

THETA=	.25000+000	.26000+000	.27000+000	.28000+000	.29000+000
-I-	---------------------------P(I)------------------------				
0	.88471+000	.88047+000	.87626+000	.87208+000	.86792+000
1	.11059+000	.11446+000	.11830+000	.12209+000	.12585+000
2	.46078-002	.49600-002	.53233-002	.56976-002	.60827-002
3	.95997-004	.10747-003	.11977-003	.13294-003	.14700-003
H =	.11303+001	.11358+001	.11412+001	.11467+001	.11522+001

THETA=	.30000+000	.31000+000	.32000+000	.33000+000	.34000+000
-I-	---------------------------P(I)------------------------				
0	.86379+000	.85968+000	.85560+000	.85155+000	.84752+000
1	.12957+000	.13325+000	.13690+000	.14051+000	.14408+000
2	.64784-002	.68846-002	.73012-002	.77278-002	.81645-002
3	.16196-003	.17785-003	.19470-003	.21252-003	.23133-003
H =	.11577+001	.11632+001	.11688+001	.11743+001	.11799+001

DENSITY OF THE TWO-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 1

THETA=	.35000+000	.36000+000	.37000+000	.38000+000	.39000+000
-I-			P(I)		
0	.84352+000	.83954+000	.83558+000	.83165+000	.82775+000
1	.14762+000	.15112+000	.15458+000	.15801+000	.16141+000
2	.86109-002	.90670-002	.95326-002	.10008-001	.10492-001
3	.25115-003	.27201-003	.29392-003	.31691-003	.34098-003
4			.54376-005	.60212-005	.66491-005
H =	.11855+001	.11911+001	.11968+001	.12024+001	.12081+001

THETA=	.40000+000	.41000+000	.42000+000	.43000+000	.44000+000
-I-			P(I)		
0	.82387+000	.82001+000	.81618+000	.81237+000	.80858+000
1	.16477+000	.16810+000	.17140+000	.17466+000	.17789+000
2	.10985-001	.11487-001	.11998-001	.12517-001	.13045-001
3	.36616-003	.39247-003	.41992-003	.44853-003	.47832-003
4	.73233-005	.80457-005	.88184-005	.96435-005	.10523-004
H =	.12138+001	.12195+001	.12252+001	.12310+001	.12367+001

THETA=	.45000+000	.46000+000	.47000+000	.48000+000	.49000+000
-I-			P(I)		
0	.80481+000	.80107+000	.79735+000	.79366+000	.78999+000
1	.18108+000	.18425+000	.18738+000	.19048+000	.19355+000
2	.13581-001	.14126-001	.14678-001	.15238-001	.15806-001
3	.50930-003	.54148-003	.57489-003	.60953-003	.64542-003
4	.11459-004	.12454-004	.13510-004	.14629-004	.15813-004
H =	.12425+001	.12483+001	.12541+001	.12600+001	.12658+001

THETA=	.50000+000	.60000+000	.70000+000	.80000+000	.90000+000
-I-			P(I)		
0	.78633+000	.75101+000	.71772+000	.68633+000	.65669+000
1	.19658+000	.22530+000	.25120+000	.27453+000	.29551+000
2	.16382-001	.22530-001	.29307-001	.36604-001	.44326-001
3	.68258-003	.11265-002	.17096-002	.24403-002	.33245-002
4	.17065-004	.33795-004	.59835-004	.97611-004	.14960-003
H =	.12717+001	.13315+001	.13933+001	.14570+001	.15228+001

DENSITY OF THE TWO-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 1

THETA=	.10000+001	.11000+001	.12000+001	.13000+001	.14000+001
-I-			P(I)		
0	.62868+000	.60219+000	.57712+000	.55336+000	.53085+000
1	.31434+000	.33120+000	.34627+000	.35969+000	.37159+000
2	.52390-001	.60721-001	.69254-001	.77932-001	.86705-001
3	.43658-002	.55661-002	.69254-002	.84427-002	.10116-001
4	.21829-003	.30613-003	.41552-003	.54877-003	.70809-003
5	.72764-005	.11225-004	.16621-004	.23780-004	.33044-004
H =	.15906+001	.16606+001	.17327+001	.18071+001	.18838+001

THETA=	.15000+001	.16000+001	.17000+001	.18000+001	.19000+001
-I-			P(I)		
0	.50948+000	.48919+000	.46992+000	.45160+000	.43416+000
1	.38211+000	.39136+000	.39943+000	.40644+000	.41245+000
2	.95527-001	.10436+000	.11317+000	.12193+000	.13061+000
3	.11941-001	.13915-001	.16033-001	.18290-001	.20680-001
4	.89557-003	.11132-002	.13628-002	.16461-002	.19646-002
5	.44778-004	.59370-004	.77224-004	.98764-004	.12442-003
6					.56287-005
H =	.19628+001	.20442+001	.21280+001	.22144+001	.23033+001

THETA=	.20000+001	.21000+001	.22000+001	.23000+001	.24000+001
-I-			P(I)		
0	.41757+000	.40176+000	.38669+000	.37232+000	.35862+000
1	.41757+000	.42185+000	.42536+000	.42817+000	.43034+000
2	.13919+000	.14765+000	.15597+000	.16413+000	.17214+000
3	.23198-001	.25838-001	.28594-001	.31459-001	.34427-001
4	.23198-002	.27130-002	.31453-002	.36178-002	.41313-002
5	.15465-003	.18991-003	.23066-003	.27736-003	.33050-003
6	.73645-005	.94955-005	.12082-004	.15189-004	.18886-004
H =	.23948+001	.24891+001	.25850+001	.26858+001	.27885+001

THETA=	.25000+001	.26000+001	.27000+001	.28000+001	.29000+001
-I-			P(I)		
0	.34553+000	.33303+000	.32109+000	.30967+000	.29875+000
1	.43191+000	.43294+000	.43347+000	.43354+000	.43318+000
2	.17996+000	.18761+000	.19506+000	.20232+000	.20937+000
3	.37492-001	.40648-001	.43889-001	.47207-001	.50598-001
4	.46866-002	.52843-002	.59250-002	.66090-002	.73368-002
5	.39055-003	.45797-003	.53325-003	.61684-003	.70922-003
6	.23247-004	.28351-004	.34280-004	.41123-004	.48970-004
H =	.29941+001	.30027+001	.31144+001	.32293+001	.33473+001

DENSITY OF THE TWO-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 1

THETA=	.30000+001	.31000+001	.32000+001	.33000+001	.34000+001
-I-	---	---	---P(I)---	---	---
0	.28830+000	.27829+000	.26871+000	.25953+000	.25073+000
1	.43244+000	.43135+000	.42993+000	.42822+000	.42624+000
2	.21622+000	.22287+000	.22930+000	.23552+000	.24153+000
3	.54056-001	.57573-001	.61146-001	.64768-001	.68435-001
4	.81083-002	.89239-002	.97834-002	.10687-001	.11634-001
5	.81083-003	.92214-003	.10436-002	.11755-002	.13185-002
6	.57917-004	.68062-004	.79510-004	.92364-004	.10674-003
7				.54429-005	.64804-005
H =	.34686+001	.35934+001	.37215+001	.38531+001	.39884+001

THETA=	.35000+001	.36000+001	.37000+001	.38000+001	.39000+001
-I-	---	---	---P(I)---	---	---
0	.24229+000	.23419+000	.22643+000	.21897+000	.21181+000
1	.42401+000	.42155+000	.41889+000	.41604+000	.41303+000
2	.24734+000	.25293+000	.25831+000	.26349+000	.26847+000
3	.72140-001	.75879-001	.79647-001	.83439-001	.87252-001
4	.12624-001	.13658-001	.14735-001	.15854-001	.17014-001
5	.14729-002	.16390-002	.18173-002	.20081-002	.22118-002
6	.12274-003	.14048-003	.16009-003	.18169-003	.20538-003
7	.76711-005	.90311-005	.10578-004	.12329-004	.14304-004
H =	.41273+001	.42700+001	.44164+001	.45668+001	.47212+001

THETA=	.40000+001	.41000+001	.42000+001	.43000+001	.44000+001
-I-	---	---	---P(I)---	---	---
0	.20493+000	.19832+000	.19196+000	.18585+000	.17998+000
1	.40986+000	.40655+000	.40312+000	.39959+000	.39595+000
2	.27324+000	.27781+000	.28219+000	.28637+000	.29036+000
3	.91080-001	.94919-001	.98766-001	.10262+000	.10647+000
4	.18216-001	.19458-001	.20741-001	.22062-001	.23423-001
5	.24288-002	.26593-002	.29037-002	.31623-002	.34353-002
6	.23131-003	.25960-003	.29037-003	.32376-003	.35989-003
7	.16522-004	.19006-004	.21778-004	.24860-004	.28277-004
H =	.48797+001	.50424+001	.52093+001	.53806+001	.55563+001

DENSITY OF THE TWO-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 1

THETA=	.45000+001	.46000+001	.47000+001	.48000+001	.49000+001
-I-			P(I)		
0	.17432+000	.16888+000	.16364+000	.15859+000	.15373+000
1	.39222+000	.38842+000	.38455+000	.38062+000	.37664+000
2	.29417+000	.29779+000	.30123+000	.30450+000	.30759+000
3	.11031+000	.11415+000	.11798+000	.12180+000	.12560+000
4	.24820-001	.26255-001	.27726-001	.29232-001	.30772-001
5	.37231-002	.40258-002	.43437-002	.46771-002	.50261-002
6	.39890-003	.44092-003	.48608-003	.53452-003	.58637-003
7	.32054-004	.36218-004	.40796-004	.45816-004	.51308-004
H =	.57365+001	.59214+001	.61110+001	.63055+001	.65049+001

THETA=	.50000+001	.52000+001	.54000+001	.56000+001	.58000+001
-I-			P(I)		
0	.14905+000	.14018+000	.13194+000	.12426+000	.11711+000
1	.37262+000	.36447+000	.35523+000	.34793+000	.33962+000
2	.31051+000	.31587+000	.32060+000	.32474+000	.32830+000
3	.12938+000	.13688+000	.14427+000	.15154+000	.15868+000
4	.32345-001	.35588-001	.38953-001	.42432-001	.46017-001
5	.53909-002	.61687-002	.70116-002	.79207-002	.88957-002
6	.64177-003	.76374-003	.90149-003	.10561-002	.12286-002
7	.57301-004	.70919-004	.86930-004	.10561-003	.12725-003
8		.51219-005	.65197-005	.82141-005	.10250-004
H =	.67093+001	.71337+001	.75794+001	.80475+001	.85388+001

THETA=	.60000+001	.62000+001	.64000+001	.66000+001	.68000+001
-I-			P(I)		
0	.11044+000	.10422+000	.98407-001	.92971-001	.87885-001
1	.33133+000	.32308+000	.31490+000	.30680+000	.29881+000
2	.33133+000	.33385+000	.33590+000	.33749+000	.33865+000
3	.16567+000	.17249+000	.17914+000	.18562+000	.19190+000
4	.49700-001	.53472-001	.57326-001	.61254-001	.65247-001
5	.99400-002	.11051-001	.12230-001	.13476-001	.14789-001
6	.14200-002	.16313-002	.18636-002	.21176-002	.23945-002
7	.15214-003	.18061-003	.21298-003	.24958-003	.29076-003
8	.12679-004	.15553-004	.18931-004	.22878-004	.27460-004
H =	.90544+001	.95950+001	.10162+002	.10756+002	.11378+002

DENSITY OF THE TWO-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   1

THETA=	.70000+001	.72000+001	.74000+001	.76000+001	.78000+001
-I-	---	---	---P(I)---	---	---
0	.83123-001	.78660-001	.74475-001	.70548-001	.66860-001
1	.29093+000	.28318+000	.27556+000	.26808+000	.26075+000
2	.33942+000	.33981+000	.33985+000	.33957+000	.33898+000
3	.19799+000	.20389+000	.20958+000	.21506+000	.22034+000
4	.69298-001	.73399-001	.77543-001	.81723-001	.85931-001
5	.15170-001	.17616-001	.19127-001	.20703-001	.22342-001
6	.26949-002	.30199-002	.33701-002	.37463-002	.41493-002
7	.33686-003	.38827-003	.44533-003	.50843-003	.57793-003
8	.32751-004	.38827-004	.45770-004	.53667-004	.62609-004
9					.54261-005
H =	.12030+002	.12713+002	.13427+002	.14175+002	.14957+002

THETA=	.80000+001	.82000+001	.84000+001	.86000+001	.88000+001
-I-	---	---	---P(I)---	---	---
0	.63395-001	.60137-001	.57071-001	.54186-001	.51468-001
1	.25356+000	.24656+000	.23970+000	.23300+000	.22646+000
2	.33811+000	.33697+000	.33558+000	.33396+000	.33214+000
3	.22540+000	.23026+000	.23491+000	.23934+000	.24357+000
4	.90161-001	.94406-001	.98660-001	.10292+000	.10717+000
5	.24043-001	.25804-001	.27625-001	.29503-001	.31437-001
6	.45796-002	.50380-002	.55250-002	.60410-002	.65867-002
7	.65423-003	.73771-003	.82875-003	.92773-003	.10351-002
8	.72692-004	.84017-004	.95687-004	.11081-003	.12651-003
9	.64616-005	.76549-005	.90241-005	.10589-004	.12370-004
H =	.15774+002	.16629+002	.17522+002	.18455+002	.19430+002

THETA=	.90000+001	.92000+001	.94000+001	.96000+001	.98000+001
-I-	---	---	---P(I)---	---	---
0	.48906-001	.46491-001	.44212-001	.42051-001	.40029-001
1	.22008+000	.21386+000	.20780+000	.20189+000	.19614+000
2	.33012+000	.32792+000	.32555+000	.32303+000	.32037+000
3	.24759+000	.25140+000	.25501+000	.25842+000	.26163+000
4	.11141+000	.11564+000	.11986+000	.12404+000	.12820+000
5	.33424-001	.35464-001	.37555-001	.39694-001	.41879-001
6	.71624-002	.77684-002	.84051-002	.90728-002	.97718-002
7	.11511-002	.12762-002	.14109-002	.15553-002	.17101-002
8	.14389-003	.16307-003	.18420-003	.20738-003	.23276-003
9	.14389-004	.16670-004	.19238-004	.22120-004	.25345-004
H =	.20447+002	.21510+002	.22618+002	.23775+002	.24982+002

DENSITY OF THE TWO-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   1

THETA=	.10000+002	.10200+002	.10400+002	.10600+002	.10800+002
-I-			P(I)		
0	.38110-001	.36295-001	.34579-001	.32955-001	.31418-001
1	.19055+000	.18511+000	.17981+000	.17466+000	.16966+000
2	.31758+000	.31468+000	.31167+000	.30857+000	.30539+000
3	.26465+000	.26748+000	.27012+000	.27257+000	.27485+000
4	.13233+000	.13641+000	.14046+000	.14446+C00	.14842+000
5	.44109-001	.46381-001	.48693-001	.51044-001	.53430-001
6	.10502-001	.11264-001	.12057-001	.12882-001	.13739-001
7	.18754-002	.20516-002	.22392-002	.24385-002	.26497-002
8	.25047-003	.29065-003	.32344-003	.35900-003	.39746-003
9	.28941-004	.32940-004	.37376-004	.42282-004	.47695-004
10					.46828-005
H =	.26240+002	.27552+002	.28919+002	.30344+002	.31828+002

THETA=	.11000+002	.11200+002	.11400+002	.11600+002	.11800+002
-I-			P(I)		
0	.29963-001	.28584-001	.27276-001	.26037-001	.24861-001
1	.16479+000	.16007+000	.15548+000	.15101+000	.14668+000
2	.30212+000	.29879+000	.29540+000	.29196+000	.28847+000
3	.27695+000	.27887+000	.28063+000	.28223+000	.28367+000
4	.15232+000	.15617+000	.15996+000	.16369+000	.16736+000
5	.55851-001	.58303-001	.60785-001	.63295-001	.65829-001
6	.14628-001	.15548-001	.16499-001	.17481-001	.18495-001
7	.28733-002	.31095-002	.33587-002	.36211-002	.38971-002
8	.43897-003	.48370-003	.53179-003	.58341-003	.63870-003
9	.53652-004	.60194-004	.67360-004	.75195-004	.83741-004
10	.53652-005	.61288-005	.69810-005	.79296-005	.89831-005
H =	.33375+002	.34985+002	.36662+002	.38407+002	.40223+002

THETA=	.12000+002	.12200+002	.12400+002	.12600+002	.12800+002
-I-			P(I)		
0	.23746-001	.22687-001	.21681-001	.20725-001	.19817-001
1	.14247+000	.13839+000	.13442+000	.13057+000	.12683+000
2	.28495+000	.28139+000	.27780+000	.27420+000	.27057+000
3	.28495+000	.28608+000	.28706+000	.28791+000	.28861+000
4	.17097+000	.17451+000	.17798+000	.18138+000	.18471+000
5	.68737-001	.70967-001	.73565-001	.75180-001	.78811-001
6	.19539-001	.20614-001	.21719-001	.22854-001	.24018-001
7	.41870-002	.44909-002	.48092-002	.51422-002	.54899-002
8	.69783-003	.76096-003	.82826-003	.89988-003	.97599-003
9	.93044-004	.10315-003	.11412-003	.12598-003	.13881-003
10	.10150-004	.11441-004	.12864-004	.14431-004	.16152-004
H =	.42113+002	.44079+002	.46124+002	.48250+002	.50461+002

DENSITY OF THE TWO-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 1

THETA=	.13000+002	.13200+002	.13400+002	.13600+002	.13800+002
-I-			P(I)		
0	.18994-001	.18133-001	.17353-001	.16610-001	.15902-001
1	.12320+000	.11968+000	.11626+000	.11295+000	.10973+000
2	.26694+000	.26330+000	.25965+000	.25601+000	.25237+000
3	.28918+000	.28963+000	.28995+000	.29014+000	.29022+000
4	.19797+000	.19115+000	.19426+000	.19730+000	.20026+000
5	.81454-001	.84108-001	.86771-001	.89442-001	.92117-001
6	.25212-001	.26434-001	.27684-001	.28962-001	.30267-001
7	.59528-002	.62309-002	.66244-002	.70336-002	.74587-002
8	.10567-002	.11423-002	.12329-002	.13286-002	.14296-002
9	.15264-003	.16754-003	.18356-003	.20076-003	.21920-003
10	.18039-004	.20105-004	.22361-004	.24822-004	.27500-004
H =	.52758+002	.55147+002	.57628+002	.60206+002	.62384+002

THETA=	.14000+002	.14200+002	.14400+002	.14600+002	.14800+002
-I-			P(I)		
0	.15229-001	.14587-001	.13976-001	.13394-001	.12838-001
1	.10660+000	.10357+000	.10063+000	.97773-001	.95003-001
2	.24874+000	.24512+000	.24151+000	.23791+000	.23434+000
3	.29019+000	.29005+000	.28981+000	.28946+000	.28902+000
4	.20314+000	.20594+000	.20866+000	.21131+000	.21388+000
5	.94796-001	.97477-001	.10016+000	.10284+000	.10551+000
6	.31599-001	.32957-001	.34340-001	.35748-001	.37180-001
7	.78997-002	.83568-002	.88302-002	.93200-002	.98262-002
8	.15361-002	.16482-002	.17660-002	.18899-002	.20198-002
9	.23894-003	.26004-003	.28257-003	.30658-003	.33215-003
10	.30411-004	.33569-004	.36991-004	.40692-004	.44689-004
11					.50106-005
H =	.65665+002	.68553+002	.71551+002	.74663+002	.77892+002

THETA=	.15000+002	.15500+002	.16000+002	.16500+002	.17000+002
-I-			P(I)		
0	.12309-001	.11089-001	.10003-001	.90351-002	.81707-002
1	.92315-001	.85939-001	.80025-001	.74540-001	.69451-001
2	.23079+000	.22201+000	.21340+000	.20498+000	.19678+000
3	.28849+000	.28676+000	.28453+000	.28185+000	.27877+000
4	.21636+000	.22224+000	.22763+000	.23253+000	.23695+000
5	.10818+000	.11482+000	.12140+000	.12789+000	.13427+000
6	.38636-001	.42376-001	.46248-001	.50243-001	.54349-001
7	.10349-001	.11729-001	.13214-001	.14804-001	.16499-001
8	.21561-002	.25250-002	.29364-002	.33925-002	.38955-002
9	.35934-003	.43486-003	.52203-003	.62196-003	.73582-003
10	.49001-004	.61276-004	.75931-004	.93294-004	.11372-003
11	.55683-005	.71953-005	.92038-005	.11662-004	.14645-004
H =	.81243+002	.90180+002	.99968+002	.11068+003	.12239+003

DENSITY OF THE TWO-FACTOR GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$$U2 = 1$$

THETA=	.17500+002	.18000+002	.18500+002	.19000+002	.19500+002
-I-			P(I)		
0	.73976-002	.67052-002	.60843-002	.55266-002	.50252-002
1	.64729-001	.60347-001	.56279-001	.52503-001	.48996-001
2	.18679+000	.18104+000	.17353+000	.16626+000	.15924+000
3	.27532+000	.27156+000	.26752+000	.26324+000	.25876+000
4	.24091+000	.24440+000	.24746+000	.25008+000	.25229+000
5	.14053+000	.14664+000	.15260+000	.15838+000	.16399+000
6	.58554-001	.62847-001	.67216-001	.71650-001	.76137-001
7	.18298-001	.20201-001	.22205-001	.24310-001	.26512-001
8	.44474-002	.50502-002	.57056-002	.64151-002	.71804-002
9	.86478-003	.10100-002	.11728-002	.13543-002	.15557-002
10	.13758-003	.16528-003	.19724-003	.23392-003	.27579-003
11	.19240-004	.22538-004	.27644-004	.33671-004	.40742-004
12					.50927-005
H =	.13518+003	.14914+003	.16436+003	.18094+003	.19900+003

THETA=	.20000+002	.21000+002	.22000+002	.23000+002	.24000+002
-I-			P(I)		
0	.45738-002	.37996-002	.31679-002	.26500-002	.22239-002
1	.45738-001	.39896-001	.34846-001	.30476-001	.26687-001
2	.15246+000	.13964+000	.12777+000	.11682+000	.10675+000
3	.25410+000	.24436+000	.23425+000	.22391+000	.21350+000
4	.25410+000	.25658+000	.25767+000	.25750+000	.25620+000
5	.15940+000	.17961+000	.18896+000	.19741+000	.20496+000
6	.80666-001	.89804-001	.98978-001	.10811+000	.11712+000
7	.28809-001	.33676-001	.38884-001	.44401-001	.50194-001
8	.80026-002	.98223-002	.11881-001	.14184-001	.16731-001
9	.17784-002	.22919-002	.29043-002	.36247-002	.44617-002
10	.32334-003	.43754-003	.58086-003	.75790-003	.97345-003
11	.48990-004	.69609-004	.96811-004	.13206-003	.17699-003
12	.62808-005	.93704-005	.13653-004	.19470-004	.27229-004
H =	.21864+003	.26318+003	.31567+003	.37735+003	.44965+003

DENSITY OF THE TWO-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   1

THETA=	.25000+002	.30000+002	.35000+002	.40000+002	.45000+002
-I-	---	---	---P(I)---	---	---
0	.18720-002	.82337-003	.38319-003	.18670-003	.94508-004
1	.23400-001	.12351-001	.67057-002	.37339-002	.21264-002
2	.97498-001	.61753-001	.39117-001	.24893-001	.15948-001
3	.20312+000	.15438+000	.11409+000	.82976-001	.59806-001
4	.25390+000	.23157+000	.19966+000	.16595+000	.13456+000
5	.21158+000	.23157+000	.23295+000	.22127+000	.20184+000
6	.12594+000	.16541+000	.19411+000	.21073+000	.21626+000
7	.56225-001	.88612-001	.12132+000	.15052+000	.17378+000
8	.19522-001	.36922-001	.58975-001	.83624-001	.10861+000
9	.54229-002	.12307-001	.22935-001	.37166-001	.54307-001
10	.12325-002	.33565-002	.72974-002	.13515-001	.22216-001
11	.23342-003	.76285-003	.19349-002	.40955-002	.75738-002
12	.37408-004	.14670-003	.43412-003	.10501-002	.21847-002
13	.51384-005	.24182-004	.83484-004	.23079-003	.54018-003
14			.13914-004	.43961-004	.11575-003
15				.73268-005	.21704-004
H =	.53420+003	.12145+004	.26097+004	.53563+004	.10581+005

THETA=	.50000+002	.55000+002	.60000+002	.65000+002	.70000+002
-I-	---	---	---P(I)---	---	---
0	.49423-004	.26584-004	.14656-004	.82591-005	.47460-005
1	.12356-002	.73106-003	.43969-003	.26842-003	.16611-003
2	.10297-001	.67014-002	.43969-002	.29079-002	.19380-002
3	.42902-001	.30715-001	.21985-001	.15751-001	.11305-001
4	.10726+000	.84466-001	.65954-001	.51191-001	.39567-001
5	.17876+000	.15485+000	.13191+000	.11091+000	.92323-001
6	.21281+000	.20279+000	.18844+000	.17165+000	.15387+000
7	.19001+000	.19916+000	.20190+000	.19924+000	.19234+000
8	.13195+000	.15214+000	.16825+000	.17987+000	.18700+000
9	.73305-001	.92974-001	.11217+000	.12991+000	.14544+000
10	.33321-001	.46487-001	.61182-001	.76762-001	.92554-001
11	.12621-001	.19370-001	.27810-001	.37800-001	.49081-001
12	.40453-002	.68290-002	.10696-001	.15750-001	.22024-001
13	.11114-002	.20637-002	.35262-002	.56250-002	.84707-002
14	.26461-003	.54050-003	.10075-002	.17411-002	.28236-002
15	.55127-004	.12386-003	.25187-003	.47154-003	.82354-003
16	.10134-004	.25046-004	.55560-004	.11268-003	.21194-003
17		.45017-005	.10894-004	.23936-004	.48483-004
18				.45492-005	.99234-005
H =	.20233+005	.37616+005	.68229+005	.12108+006	.21070+006

DENSITY OF THE TWO-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 1

THETA=	.75000+002	.80000+002	.85000+002	.90000+002	.95000+002
-I-			P(I)		
0	.27758-005	.16497-005	.99485-006	.60806-006	.37629-006
1	.10409-003	.65987-004	.42281-004	.27363-004	.17874-004
2	.13012-002	.87983-003	.59898-003	.41044-003	.28300-003
3	.81322-002	.58655-002	.42428-002	.30783-002	.22404-002
4	.30496-001	.23462-001	.18032-001	.13852-001	.10642-001
5	.76240-001	.62565-001	.51090-001	.41557-001	.33699-001
6	.13614+000	.11917+000	.10340+000	.89052-001	.76225-001
7	.18233+000	.17025+000	.15694+000	.14312+000	.12931+000
8	.18993+000	.18916+000	.18528+000	.17890+000	.17062+000
9	.15828+000	.16814+000	.17499+000	.17890+000	.18010+000
10	.10792+000	.12229+000	.13522+000	.14637+000	.15554+000
11	.61315-001	.74113-001	.87071-001	.99799-001	.11194+000
12	.29479-001	.38007-001	.47443-001	.57576-001	.68169-001
13	.12148-001	.16706-001	.22157-001	.28472-001	.35583-001
14	.43385-002	.63643-002	.89684-002	.12202-001	.16097-001
15	.13558-002	.21214-002	.31763-002	.45758-002	.63717-002
16	.37384-003	.62395-003	.99260-003	.15141-002	.22254-002
17	.91626-004	.16312-003	.27572-003	.44531-003	.69089-003
18	.20094-004	.38158-004	.68327-004	.11719-003	.19191-003
19		.80332-005	.15328-004	.27755-004	.47979-004
20				.59475-005	.10852-004
H =	.36026+006	.60618+006	.10052+007	.16446+007	.26575+007

DENSITY OF THE TWO-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 1

THETA= .10000+003

-I-	P(I)
0	.23554-006
1	.11777-004
2	.19629-003
3	.16357-002
4	.81786-002
5	.27262-001
6	.64910-001
7	.11591+000
8	.16099+000
9	.17887+000
10	.16261+000
11	.12319+000
12	.78969-001
13	.43389-001
14	.20662-001
15	.86090-002
16	.31691-002
17	.10343-002
18	.30244-003
19	.79589-004
20	.18990-004
21	.41017-005
H =	.42455+007

U2 = 2

THETA=	.00000+000	.10000-001	.20000-001	.30000-001	.40000-001
-I-			P(I)		
0	.10000+001	.99667+000	.99336+000	.99006+000	.98678+000
1		.33222-002	.66224-002	.99006-002	.13197-001
2			.16556-004	.37127-004	.65785-004
H =	.50000+000	.50167+000	.50334+000	.50502+000	.50670+000

THETA=	.50000-001	.60000-001	.70000-001	.80000-001	.90000-001
-I-			P(I)		
0	.98351+000	.98025+000	.97700+000	.97377+000	.97055+000
1	.16392-001	.19605-001	.22797-001	.25967-001	.29117-001
2	.10245-003	.14704-003	.19947-003	.25967-003	.32756-003
H =	.50839+000	.51008+000	.51177+000	.51347+000	.51517+000

DENSITY OF THE TWO-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 2

THETA=	.10000+000	.11000+000	.12000+000	.13000+000	.14000+000
-I-			P(I)		
0	.96735+000	.96415+000	.95098+000	.95781+000	.95466+000
1	.32245-001	.35352-001	.38439-001	.41505-001	.44551-001
2	.40306-003	.48610-003	.57659-003	.67446-003	.77964-003
3				.58453-005	.72766-005
H =	.51688+000	.51859+000	.52030+000	.52202+000	.52375+000

THETA=	.15000+000	.16000+000	.17000+000	.18000+000	.19000+000
-I-			P(I)		
0	.95152+000	.94840+000	.94528+000	.94218+000	.93909+000
1	.47576-001	.50581-001	.53566-001	.56531-001	.59476-001
2	.89205-003	.10116-002	.11383-002	.12719-002	.14126-002
3	.89205-005	.10791-004	.12900-004	.15263-004	.17892-004
H =	.52547+000	.52721+000	.52894+000	.53068+000	.53243+000

THETA=	.20000+000	.21000+000	.22000+000	.23000+000	.24000+000
-I-			P(I)		
0	.93602+000	.93295+000	.92990+000	.92687+000	.92384+000
1	.62401-001	.65307-001	.68193-001	.71060-001	.73907-001
2	.15600-002	.17143-002	.18753-002	.20430-002	.22172-002
3	.20800-004	.24000-004	.27504-004	.31325-004	.35475-004
H =	.53418+000	.53593+000	.53769+000	.53945+000	.54122+000

THETA=	.25000+000	.26000+000	.27000+000	.28000+000	.29000+000
-I-			P(I)		
0	.92083+000	.91782+000	.91484+000	.91186+000	.90889+000
1	.76736-001	.79545-001	.82335-001	.85107-001	.87860-001
2	.23980-002	.25852-002	.27788-002	.29787-002	.31849-002
3	.39966-004	.44810-004	.50019-004	.55603-004	.61575-004
H =	.54299+000	.54477+000	.54655+000	.54833+000	.55012+000

THETA=	.30000+000	.31000+000	.32000+000	.33000+000	.34000+000
-I-			P(I)		
0	.90594+000	.90300+000	.90007+000	.89715+000	.89425+000
1	.90594-001	.93310-001	.96007-001	.98687-001	.10135+000
2	.33973-002	.36158-002	.38403-002	.40708-002	.43073-002
3	.67945-004	.74726-004	.81926-004	.89558-004	.97632-004
H =	.55191+000	.55371+000	.55551+000	.55732+000	.55913+000

DENSITY OF THE TWO-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   2

THETA=	.35000+000	.36000+000	.37000+000	.38000+000	.39000+000
-I-	---	---	---P(I)---	---	---
0	.89135+000	.88847+000	.88560+000	.88274+000	.87989+000
1	.10399+000	.10662+000	.10922+000	.11181+000	.11439+000
2	.45496-002	.47977-002	.50516-002	.53111-002	.55763-002
3	.10616-003	.11515-003	.12461-003	.13455-003	.14498-003
H =	.56095+000	.56277+000	.56459+000	.56642+000	.56825+000

THETA=	.40000+000	.41000+000	.42000+000	.43000+000	.44000+000
-I-	---	---	---P(I)---	---	---
0	.87705+000	.87423+000	.87141+000	.86861+000	.86582+000
1	.11694+000	.11948+000	.12200+000	.12450+000	.12699+000
2	.58470-002	.61232-002	.64049-002	.66919-002	.69843-002
3	.15592-003	.16737-003	.17934-003	.19184-003	.20487-003
H =	.57009+000	.57193+000	.57378+000	.57563+000	.57749+000

THETA=	.45000+000	.46000+000	.47000+000	.48000+000	.49000+000
-I-	---	---	---P(I)---	---	---
0	.86304+000	.86027+000	.85751+000	.85476+000	.85203+000
1	.12946+000	.13191+000	.13434+000	.13676+000	.13916+000
2	.72819-002	.75847-002	.78927-002	.82057-002	.85238-002
3	.21846-003	.23260-003	.24730-003	.26258-003	.27844-003
4				.52517-005	.56849-005
H =	.57935+000	.58121+000	.58308+000	.58496+000	.58684+000

THETA=	.50000+000	.60000+000	.70000+000	.80000+000	.90000+000
-I-	---	---	---P(I)---	---	---
0	.84930+000	.82263+000	.79698+000	.77232+000	.74859+000
1	.14155+000	.16453+000	.18596+000	.20595+000	.22458+000
2	.88469-002	.12339-001	.16272-001	.20595-001	.25265-001
3	.29490-003	.49358-003	.75935-003	.10984-002	.15159-002
4	.61437-005	.12339-004	.22148-004	.36614-004	.56846-004
H =	.58872+000	.60781+000	.62737+000	.64740+000	.66793+000

THETA=	.10000+001	.11000+001	.12000+001	.13000+001	.14000+001
-I-	---	---	---P(I)---	---	---
0	.72574+000	.70375+000	.68257+000	.66217+000	.64250+000
1	.24191+000	.25804+000	.27303+000	.28694+000	.29983+000
2	.30239-001	.35481-001	.40954-001	.46628-001	.52471-001
3	.20160-002	.26019-002	.32763-002	.40411-002	.48973-002
4	.83998-004	.11925-003	.16382-003	.21889-003	.28567-003
5			.56156-005	.81302-005	.11427-004
H =	.68895+000	.71048+000	.73252+000	.75510+000	.77821+000

DENSITY OF THE TWO-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   2

THETA=	.15000+001	.16000+001	.17000+001	.18000+001	.19000+001
-I-			P(I)		
0	.62354+000	.60526+000	.58763+000	.57062+000	.55420+000
1	.31177+000	.32281+000	.33299+000	.34237+000	.35099+000
2	.58457-001	.64561-001	.70761-001	.77034-001	.83361-001
3	.58457-002	.68866-002	.80195-002	.92440-002	.10559-001
4	.36536-003	.45910-003	.56805-003	.69330-003	.83593-003
5	.15658-004	.20988-004	.27591-004	.35656-004	.45379-004
H =	.80187+000	.82609+000	.85087+000	.87624+000	.90220+000

THETA=	.20000+001	.21000+001	.22000+001	.23000+001	.24000+001
-I-			P(I)		
0	.53835+000	.52305+000	.50827+000	.49399+000	.48019+000
1	.35890+000	.36613+000	.37273+000	.37872+000	.38415+000
2	.89725-001	.96110-001	.10250+000	.10888+000	.11525+000
3	.11963-001	.13455-001	.15033-001	.16695-001	.18439-001
4	.99695-003	.11774-002	.13781-002	.16000-002	.18439-002
5	.56969-004	.70641-004	.86621-004	.10514-003	.12644-003
6				.50380-005	.63220-005
H =	.92876+000	.95593+000	.98373+000	.10122+001	.10413+001

THETA=	.25000+001	.26000+001	.27000+001	.28000+001	.29000+001
-I-			P(I)		
0	.46685+000	.45396+000	.44149+000	.42942+000	.41776+000
1	.38904+000	.39343+000	.39734+000	.40080+000	.40383+000
2	.12158+000	.12786+000	.13410+000	.14028+000	.14639+000
3	.20263-001	.22163-001	.24138-001	.26185-001	.28302-001
4	.21107-002	.24010-002	.27156-002	.30550-002	.34198-002
5	.15076-003	.17836-003	.20949-003	.24440-003	.28336-003
6	.78523-005	.96612-005	.11784-004	.14256-004	.17119-004
H =	.10710+001	.11014+001	.11325+001	.11643+001	.11969+001

THETA=	.30000+001	.31000+001	.32000+001	.33000+001	.34000+001
-I-			P(I)		
0	.40647+000	.39554+000	.38496+000	.37472+000	.36480+000
1	.40647+000	.40872+000	.41062+000	.41219+000	.41344+000
2	.15242+000	.15838+000	.16425+000	.17003+000	.17571+000
3	.30485-001	.32732-001	.35040-001	.37406-001	.39828-001
4	.38106-002	.42279-002	.46720-002	.51433-002	.56422-002
5	.32662-003	.37447-003	.42715-003	.48494-003	.54810-003
6	.20414-004	.24184-004	.28477-004	.33340-004	.38824-004
H =	.12301+001	.12641+001	.12988+001	.13343+001	.13706+001

DENSITY OF THE TWO-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   2

THETA=	.35000+001	.36000+001	.37000+001	.38000+001	.39000+001
-I-			P(I)		
0	.35519+000	.34588+000	.33686+000	.32811+000	.31964+000
1	.41438+000	.41505+000	.41546+000	.41561+000	.41553+000
2	.18129+000	.18677+000	.19215+000	.19741+000	.20257+000
3	.42302-001	.44826-001	.47397-001	.50012-001	.52668-001
4	.61690-002	.67239-002	.73070-002	.79185-002	.85586-002
5	.61690-003	.69160-003	.77245-003	.85973-003	.95367-003
6	.44982-004	.51870-004	.53543-004	.68062-004	.77486-004
7					.47967-005
H =	.14077+001	.14456+001	.14843+001	.15239+001	.15643+001

THETA=	.40000+001	.41000+001	.42000+001	.43000+001	.44000+001
-I-			P(I)		
0	.31142+000	.30345+000	.29572+000	.28823+000	.28095+000
1	.41523+000	.41472+000	.41401+000	.41312+000	.41206+000
2	.20761+000	.21254+000	.21736+000	.22205+000	.22663+000
3	.55364-001	.58095-001	.60860-001	.63655-001	.66479-001
4	.92273-002	.99246-002	.10650-001	.11405-001	.12188-001
5	.10545-002	.11626-002	.12781-002	.14012-002	.15322-002
6	.87879-004	.99305-004	.11183-003	.12552-003	.14045-003
7	.55796-005	.64627-005	.74553-005	.85674-005	.98093-005
H =	.16055+001	.16477+001	.16908+001	.17348+001	.17797+001

THETA=	.45000+001	.46000+001	.47000+001	.48000+001	.49000+001
-I-			P(I)		
0	.27389+000	.26704+000	.26039+000	.25394+000	.24767+000
1	.41084+000	.40947+000	.40795+000	.40630+000	.40453+000
2	.23110+000	.23544+000	.23967+000	.24378+000	.24777+000
3	.69329-001	.72203-001	.75097-001	.78010-001	.80939-001
4	.12999-001	.13839-001	.14706-001	.15602-001	.16525-001
5	.16713-002	.18188-002	.19749-002	.21397-002	.23135-002
6	.15669-003	.17430-003	.19337-003	.21397-003	.23617-003
7	.11192-004	.12727-004	.14426-004	.16302-004	.18369-004
H =	.18255+001	.18724+001	.19202+001	.19690+001	.20188+001

DENSITY OF THE TWO-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   2

THETA=	.50000+001	.52000+001	.54000+001	.56000+001	.58000+001
-I-			P(I)		
0	.24158+000	.22992+000	.21892+000	.20853+000	.19871+000
1	.40264+000	.39854+000	.39406+000	.38925+000	.38417+000
2	.25165+000	.25905+000	.26599+000	.27248+000	.27852+000
3	.83882-001	.89803-001	.95756-001	.10172+000	.10769+000
4	.17475-001	.19457-001	.21545-001	.23736-001	.26026-001
5	.24965-002	.28908-002	.33241-002	.37977-002	.43129-002
6	.26005-003	.31317-003	.37396-003	.44307-003	.52114-003
7	.20639-004	.25849-004	.32054-004	.39384-004	.47978-004
H =	.20697+001	.21746+001	.22839+001	.23978+001	.25163+001

THETA=	.60000+001	.62000+001	.64000+001	.66000+001	.68000+001
-I-			P(I)		
0	.18942+000	.18064+000	.17232+000	.16445+000	.15699+000
1	.37884+000	.37331+000	.36762+000	.36178+000	.35584+000
2	.28413+000	.28932+000	.29409+000	.29847+000	.30246+000
3	.11365+000	.11958+000	.12548+000	.13133+000	.13712+000
4	.28413-001	.30893-001	.33461-001	.36115-001	.38850-001
5	.48708-002	.54724-002	.61187-002	.68103-002	.75479-002
6	.60885-003	.70686-003	.81582-003	.93641-003	.10693-002
7	.57986-004	.69564-004	.82877-004	.98100-004	.11542-003
8		.53912-005	.66302-005	.80933-005	.98103-005
H =	.26396+001	.27680+001	.29016+001	.30405+001	.31850+001

THETA=	.70000+001	.72000+001	.74000+001	.76000+001	.78000+001
-I-			P(I)		
0	.14992+000	.14321+000	.13685+000	.13081+000	.12508+000
1	.34981+000	.34371+000	.33757+000	.33140+000	.32521+000
2	.30608+000	.30934+000	.31225+000	.31483+000	.31708+000
3	.14284+000	.14848+000	.15404+000	.15951+000	.16488+000
4	.41661-001	.44545-001	.47497-001	.50512-001	.53587-001
5	.83322-002	.91635-002	.10042-001	.10968-001	.11942-001
6	.12151-002	.13745-002	.15482-002	.17367-002	.19406-002
7	.13501-003	.15709-003	.18185-003	.20950-003	.24027-003
8	.11814-004	.14138-004	.16821-004	.19903-004	.23426-004
H =	.33352+001	.34913+001	.36536+001	.38222+001	.39974+001

DENSITY OF THE TWO-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$$U2 = 2$$

THETA=	.80000+001	.82000+001	.84000+001	.86000+001	.88000+001
-I-			P(I)		
0	.11964+000	.11446+000	.10954+000	.10487+000	.10042+000
1	.31903+000	.31287+000	.30672+000	.30062+000	.29455+000
2	.31903+000	.32069+000	.32206+000	.32316+000	.32401+000
3	.17015+000	.17531+000	.18035+000	.18528+000	.19008+000
4	.56717-001	.59897-001	.63124-001	.66392-001	.69698-001
5	.12964-001	.14033-001	.15150-001	.16313-001	.17524-001
6	.21606-002	.23973-002	.26512-002	.29228-002	.32127-002
7	.27437-003	.31203-003	.35349-003	.39899-003	.44876-003
8	.27437-004	.31983-004	.37117-004	.42891-004	.49364-004
H =	.41793+001	.43682+001	.45644+001	.47680+001	.49723+001

THETA=	.90000+001	.92000+001	.94000+001	.96000+001	.98000+001
-I-			P(I)		
0	.96180-001	.92148-001	.88308-001	.84649-001	.81162-001
1	.28854+000	.28259+000	.27670+000	.27088+000	.26513+000
2	.32461+000	.32498+000	.32512+000	.32505+000	.32478+000
3	.19477+000	.19932+000	.20374+000	.20803+000	.21219+000
4	.73037-001	.76405-001	.79799-001	.83213-001	.86645-001
5	.18781-001	.20084-001	.21432-001	.22824-001	.24261-001
6	.35214-002	.38494-002	.41970-002	.45648-002	.49532-002
7	.50306-003	.56213-003	.62622-003	.69559-003	.77050-003
8	.56594-004	.64645-004	.73581-004	.83471-004	.94386-004
9	.51449-005	.60074-005	.69865-005	.80942-005	.93433-005
H =	.51986+001	.54261+001	.56620+001	.59068+001	.61605+001

THETA=	.10000+002	.10200+002	.10400+002	.10600+002	.10800+002
-I-			P(I)		
0	.77838-001	.74668-001	.71644-001	.68758-001	.66004-001
1	.25946+000	.25387+000	.24837+000	.24295+000	.23761+000
2	.32432+000	.32369+000	.32287+000	.32190+000	.32078+000
3	.21622+000	.22011+000	.22386+000	.22748+000	.23096+000
4	.90090-001	.93545-001	.97006-001	.10047+000	.10393+000
5	.25740-001	.27262-001	.28825-001	.30428-001	.32071-001
6	.53625-002	.57931-002	.62453-002	.67195-002	.72159-002
7	.85119-003	.93793-003	.10310-002	.11306-002	.12370-002
8	.10640-003	.11959-003	.13403-003	.14980-003	.16700-003
9	.10747-004	.12321-004	.14080-004	.16039-004	.18218-004
H =	.64236+001	.66963+001	.69790+001	.72719+001	.75753+001

DENSITY OF THE TWO-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 2

THETA=	.11000+002	.11200+002	.11400+002	.11600+002	.11800+002
-I-			P(I)		
0	.63374-001	.60862-001	.58463-001	.56170-001	.53978-001
1	.23237+000	.22722+000	.22216+000	.21719+000	.21231+000
2	.31951+000	.31811+000	.31658+000	.31493+000	.31316+000
3	.23431+000	.23752+000	.24060+000	.24354+000	.24635+000
4	.10739+000	.11084+000	.11428+000	.11771+000	.12112+000
5	.33751-001	.35470-001	.37224-001	.39013-001	.40836-001
6	.77347-002	.82762-002	.88407-002	.94282-002	.10039-001
7	.13505-002	.14713-002	.15997-002	.17360-002	.18803-002
8	.18569-003	.20599-003	.22797-003	.25172-003	.27734-003
9	.20633-004	.23304-004	.26250-004	.29494-004	.33057-004
H =	.78897+001	.82153+001	.85525+001	.89016+001	.92630+001

THETA=	.12000+002	.12200+002	.12400+002	.12600+002	.12800+002
-I-			P(I)		
0	.51882-001	.49878-001	.47961-001	.46126-001	.44370-001
1	.20753+000	.20284+000	.19824+000	.19373+000	.18931+000
2	.31129+000	.30933+000	.30727+000	.30512+000	.30290+000
3	.24903+000	.25159+000	.25401+000	.25630+000	.25847+000
4	.12452+000	.12789+000	.13124+000	.13456+000	.13785+000
5	.42692-001	.44579-001	.45496-001	.48441-001	.50415-001
6	.10673-001	.11330-001	.12011-001	.12716-001	.13444-001
7	.20329-002	.21941-002	.23641-002	.25432-002	.27315-002
8	.30494-003	.33461-003	.36644-003	.40055-003	.43704-003
9	.36962-004	.41234-004	.45898-004	.50979-004	.56506-004
10			.47428-005	.53528-005	.60273-005
H =	.96372+001	.10024+002	.10625+002	.10840+002	.11269+002

THETA=	.13000+002	.13200+002	.13400+002	.13600+002	.13800+002
-I-			P(I)		
0	.42689-001	.41079-001	.39538-001	.38061-001	.36645-001
1	.18439+000	.18075+000	.17660+000	.17254+000	.16657+000
2	.30060+000	.29824+000	.29581+000	.29332+000	.29078+000
3	.26052+000	.26245+000	.26425+000	.26594+000	.26752+000
4	.14112+000	.14435+000	.14754+000	.15070+000	.15382+000
5	.52415-001	.54439-001	.56487-001	.58558-001	.60650-001
6	.14196-001	.14971-001	.15769-001	.16591-001	.17437-001
7	.29292-002	.31367-002	.33541-002	.35817-002	.38195-002
8	.47600-003	.51755-003	.56192-003	.60888-003	.65886-003
9	.62505-004	.69008-004	.76044-004	.83644-004	.91842-004
10	.67714-005	.75909-005	.84916-005	.94797-005	.10562-004
H =	.11713+002	.12172+002	.12646+002	.13137+002	.13644+002

DENSITY OF THE TWO-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 2

THETA=	.14000+002	.14200+002	.14400+002	.14600+002	.14800+002
-I-			P(I)		
0	.35289-001	.33988-001	.32741-001	.31545-001	.30398-001
1	.16468+000	.16088+000	.15716+000	.15352+000	.14996+000
2	.28819+000	.28556+000	.28288+000	.28017+000	.27743+000
3	.26898+000	.27033+000	.27157+000	.27270+000	.27373+000
4	.15690+000	.15994+000	.16294+000	.16589+000	.16883+000
5	.62761-001	.64891-001	.67038-001	.69201-001	.71379-001
6	.18305-001	.19197-001	.20112-001	.21049-001	.22008-001
7	.40679-002	.43269-002	.45969-002	.48780-002	.51702-002
8	.71188-003	.76803-003	.82745-003	.89023-003	.95649-003
9	.10067-003	.11016-003	.12036-003	.13129-003	.14299-003
10	.11745-004	.13036-004	.14443-004	.15973-004	.17636-004
H =	.14169+002	.14711+002	.15271+002	.15850+002	.16449+002

THETA=	.15000+002	.15500+002	.16000+002	.16500+002	.17000+002
-I-			P(I)		
0	.29297-001	.26735-001	.24420-001	.22327-001	.20432-001
1	.14648+000	.13813+000	.13024+000	.12280+000	.11578+000
2	.27466+000	.26763+000	.26048+000	.25327+000	.24603+000
3	.27466+000	.27655+000	.27795+000	.27860+000	.27884+000
4	.17166+000	.17860+000	.18523+000	.19154+000	.19751+000
5	.73569-001	.79096-001	.84678-001	.90296-001	.95933-001
6	.22990-001	.25541-001	.28226-001	.31039-001	.33976-001
7	.54739-002	.62846-002	.71685-002	.81293-002	.91682-002
8	.10264-002	.12175-002	.14337-002	.16767-002	.19482-002
9	.15551-003	.19062-003	.23171-003	.27945-003	.33455-003
10	.19439-004	.24622-004	.30895-004	.38424-004	.47394-004
11					.56342-005
H =	.17067+002	.18702+002	.20475+002	.22394+002	.24472+002

THETA=	.17500+002	.18000+002	.18500+002	.19000+002	.19500+002
-I-			P(I)		
0	.18714-001	.17154-001	.15738-001	.14450-001	.13278-001
1	.10916+000	.10293+000	.97052-001	.91518-001	.86307-001
2	.23879+000	.23158+000	.22443+000	.21736+000	.21037+000
3	.27859+000	.27790+000	.27680+000	.27532+000	.27349+000
4	.20314+000	.20843+000	.21337+000	.21796+000	.22221+000
5	.10157+000	.10719+000	.11278+000	.11832+000	.12380+000
6	.37031-001	.40197-001	.43467-001	.46835-001	.50294-001
7	.10286-001	.11485-001	.12764-001	.14125-001	.15567-001
8	.22501-002	.25841-002	.29517-002	.33547-002	.37945-002
9	.39775-003	.46983-003	.55158-003	.64383-003	.74741-003
10	.59005-004	.70474-004	.85036-004	.10194-003	.12145-003
11	.70985-005	.88709-005	.11001-004	.13544-004	.16562-004
H =	.26719+002	.29147+002	.31770+002	.34601+002	.37656+002

DENSITY OF THE TWO-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 2

THETA=	.20000+002	.21000+002	.22000+002	.23000+002	.24000+002
-I-			P(I)		
0	.12250-001	.10347-001	.87932-002	.74920-002	.63992-002
1	.81401-001	.72432-001	.64483-001	.57438-001	.51194-001
2	.20350+000	.19013+000	.17733+000	.16514+000	.15358+000
3	.27134+000	.26619+000	.26008+000	.25321+000	.24573+000
4	.22611+000	.23291+000	.23841+000	.24266+000	.24573+000
5	.12921+000	.13975+000	.14986+000	.15946+000	.16850+000
6	.53837-001	.61140-001	.68584-001	.76408-001	.84250-001
7	.17091-001	.20380-001	.23985-001	.27895-001	.32095-001
8	.42727-002	.53497-002	.65959-002	.80198-002	.96286-002
9	.86318-003	.11348-002	.14556-002	.18632-002	.23342-002
10	.14386-003	.19859-003	.26872-003	.35711-003	.46684-003
11	.20121-004	.29163-004	.41342-004	.57438-004	.78351-004
12			.54138-005	.78635-005	.11193-004
H =	.40950+002	.48321+002	.56862+002	.66738+002	.78135+002

THETA=	.25000+002	.30000+002	.35000+002	.40000+002	.45000+002
-I-			P(I)		
0	.54788-002	.26322-002	.12937-002	.66788-003	.35599-003
1	.45657-001	.26022-001	.15093-001	.89051-002	.53398-002
2	.14268+000	.97584-001	.66032-001	.44525-001	.30036-001
3	.23780+000	.19517+000	.15407+000	.11873+000	.90109-001
4	.24770+000	.24396+000	.22469+000	.19789+000	.16895+000
5	.17693+000	.20911+000	.22469+000	.22616+000	.21723+000
6	.92192-001	.13069+000	.16384+000	.18947+000	.20365+000
7	.36568-001	.62235-001	.90021-001	.11966+000	.14546+000
8	.11428-001	.23338-001	.39822-001	.59831-001	.81824-001
9	.28857-002	.70721-002	.14078-001	.24174-001	.37193-001
10	.60120-003	.17680-002	.41062-002	.80580-002	.13947-001
11	.10510-003	.37092-003	.10050-002	.22540-002	.43890-002
12	.15641-004	.66235-004	.20938-003	.53667-003	.11756-002
13		.10190-004	.37581-004	.11009-003	.27130-003
14			.53720-005	.19658-004	.54502-004
15					.96179-005
H =	.91261+002	.19214+003	.38649+003	.74864+003	.14046+004

DENSITY OF THE TWO-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$$U2 = 2$$

THETA=	.50000+002	.55000+002	.60000+002	.65000+002	.70000+002
-I-			P(I)		
0	.19503-003	.10944-003	.52734-004	.36646-004	.21775-004
1	.32505-002	.20065-002	.12547-002	.79400-003	.50808-003
2	.20316-001	.13795-001	.94100-002	.64513-002	.44457-002
3	.67719-001	.50580-001	.37640-001	.27955-001	.20747-001
4	.14108+000	.11591+000	.94100-001	.75713-001	.60518-001
5	.20154+000	.18215+000	.16131+000	.14061+000	.12102+000
6	.20994+000	.20871+000	.20164+000	.19041+000	.17649+000
7	.16662+000	.18221+000	.19204+000	.19645+000	.19610+000
8	.10414+000	.12527+000	.14403+000	.15962+000	.17159+000
9	.52595-001	.69594-001	.87292-001	.10480+000	.12133+000
10	.21914-001	.31897-001	.43646-001	.56767-001	.70773-001
11	.76624-002	.12268-001	.18313-001	.25803-001	.34644-001
12	.22805-002	.40163-002	.65403-002	.99833-002	.14435-001
13	.58474-003	.11328-002	.20124-002	.33278-002	.51818-002
14	.13052-003	.27815-003	.53904-003	.96565-003	.16193-002
15	.25592-004	.59992-004	.12683-003	.24615-003	.44452-003
16	.44431-005	.11457-004	.26423-004	.55554-004	.10804-003
17			.49084-005	.11180-004	.23415-004
18					.45529-005
H =	.25637+004	.45685+004	.79702+004	.13644+005	.22962+005

THETA=	.75000+002	.80000+002	.85000+002	.90000+002	.95000+002
-I-			P(I)		
0	.13140-004	.90419-005	.45858-005	.31282-005	.19844-005
1	.32850-003	.21445-003	.14126-003	.93845-004	.62840-004
2	.30797-002	.21445-002	.15009-002	.10558-002	.74623-003
3	.15399-001	.11437-001	.85053-002	.63345-002	.47261-002
4	.48120-001	.38125-001	.30123-001	.23754-001	.18707-001
5	.10312+000	.87142-001	.73156-001	.61083-001	.50777-001
6	.16112+000	.14524+000	.12955+000	.11453+000	.10050+000
7	.19181+000	.18463+000	.17479+000	.16361+000	.15154+000
8	.17982+000	.18443+000	.18571+000	.18407+000	.17996+000
9	.13623+000	.14903+000	.15945+000	.16733+000	.17269+000
10	.85141-001	.99355-001	.11294+000	.12550+000	.13671+000
11	.44655-001	.55583-001	.67133-001	.78986-001	.90821-001
12	.19935-001	.26465-001	.33966-001	.42314-001	.51537-001
13	.76673-002	.10859-001	.14806-001	.19532-001	.25020-001
14	.25672-002	.38781-002	.56183-002	.78467-002	.10611-001
15	.75506-003	.12167-002	.18728-002	.27694-002	.39532-002
16	.19663-003	.33796-003	.55272-003	.86544-003	.13046-002
17	.45657-004	.83706-004	.14545-003	.23115-003	.38353-003
18	.95119-005	.18601-004	.34343-004	.60286-004	.10121-003
19			.73162-005	.13598-004	.24098-004
20					.52029-005
H =	.38051+005	.62174+005	.10028+006	.15994+006	.25196+006

DENSITY OF THE TWO-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   2

```
THETA= .10000+003
-I-  ---------------------------P(I)------------------------------
  0    .12719-005
  1    .42395-004
  2    .52994-003
  3    .35329-002
  4    .14720-001
  5    .42059-001
  6    .87622-001
  7    .13908+000
  8    .17385+000
  9    .17561+000
 10    .14634+000
 11    .10234+000
 12    .60915-001
 13    .31238-001
 14    .13946-001
 15    .54689-002
 16    .18989-002
 17    .58790-003
 18    .16331-003
 19    .40929-004
 20    .93020-005
  H  = .39313+006
```

U2 =   3

THETA=	.00000+000	.10000-001	.20000-001	.30000-001	.40000-001
-I-			P(I)		
0	.10000+001	.99750+000	.99501+000	.99253+000	.99006+000
1		.24938-002	.49751-002	.74440-002	.99006-002
2			.99501-005	.22332-004	.39602-004
H =	.16667+000	.16708+000	.16750+000	.16792+000	.16834+000

THETA=	.50000-001	.60000-001	.70000-001	.80000-001	.90000-001
-I-			P(I)		
0	.98759+000	.98513+000	.98268+000	.98024+000	.97780+000
1	.12345-001	.14777-001	.17197-001	.19605-001	.22001-001
2	.61725-004	.88662-004	.12038-003	.15684-003	.19800-003
H =	.16876+000	.16918+000	.16960+000	.17003+000	.17045+000

DENSITY OF THE TWO-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3

THETA=	.10000+000	.11000+000	.12000+000	.13000+000	.14000+000
-I-	-------------------	-------------------	-----P(I)---	-------------------	-----------------
0	.97537+000	.97295+000	.97053+000	.96812+000	.96572+000
1	.24384-001	.26756-001	.29116-001	.31464-001	.33800-001
2	.24384-003	.29432-003	.34939-003	.40903-003	.47320-003
H =	.17088+000	.17130+000	.17173+000	.17215+000	.17258+000

THETA=	.15000+000	.16000+000	.17000+000	.18000+000	.19000+000
-I-	-------------------	-------------------	-----P(I)---	-------------------	-----------------
0	.96333+000	.96094+000	.95856+000	.95618+000	.95382+000
1	.36125-001	.38438-001	.40739-001	.43029-001	.45307-001
2	.54167-003	.61500-003	.69256-003	.77451-003	.86083-003
3		.54667-005	.65409-005	.77451-005	.90865-005
H =	.17301+000	.17344+000	.17387+000	.17430+000	.17474+000

THETA=	.20000+000	.21000+000	.22000+000	.23000+000	.24000+000
-I-	-------------------	-------------------	-----P(I)---	-------------------	-----------------
0	.95146+000	.94911+000	.94677+000	.94443+000	.94210+000
1	.47573-001	.49828-001	.52072-001	.54305-001	.56526-001
2	.95146-003	.10464-002	.11456-002	.12490-002	.13566-002
3	.10572-004	.12208-004	.14002-004	.15960-004	.18088-004
H =	.17517+000	.17560+000	.17604+000	.17647+000	.17691+000

THETA=	.25000+000	.26000+000	.27000+000	.28000+000	.29000+000
-I-	-------------------	-------------------	-----P(I)---	-------------------	-----------------
0	.93978+000	.93746+000	.93515+000	.93284+000	.93055+000
1	.58736-001	.60935-001	.63122-001	.65299-001	.67465-001
2	.14684-002	.15843-002	.17043-002	.18284-002	.19565-002
3	.20394-004	.22884-004	.25565-004	.28441-004	.31521-004
H =	.17735+000	.17779+000	.17823+000	.17867+000	.17911+000

THETA=	.30000+000	.31000+000	.32000+000	.33000+000	.34000+000
-I-	-------------------	-------------------	-----P(I)---	-------------------	-----------------
0	.92826+000	.92597+000	.92370+000	.92143+000	.91916+000
1	.69619-001	.71763-001	.73896-001	.76018-001	.78129-001
2	.20886-002	.22247-002	.23647-002	.25086-002	.26564-002
3	.34810-004	.38313-004	.42038-004	.45991-004	.50176-004
H =	.17955+000	.17999+000	.18043+000	.18088+000	.18132+000

DENSITY OF THE TWO-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3

THETA=	.35000+000	.36000+000	.37000+000	.38000+000	.39000+000
-I-			P(I)		
0	.91691+000	.91466+000	.91241+000	.91018+000	.90795+000
1	.80229-001	.82319-001	.84398-001	.86467-001	.88525-001
2	.28080-002	.29635-002	.31227-002	.32857-002	.34525-002
3	.54601-004	.59270-004	.64190-004	.69366-004	.74803-004
H =	.18177+000	.18222+000	.18267+000	.18311+000	.18356+000

THETA=	.40000+000	.41000+000	.42000+000	.43000+000	.44000+000
-I-			P(I)		
0	.90572+000	.90351+000	.90130+000	.89909+000	.89689+000
1	.90572-001	.92609-001	.94636-001	.96652-001	.98658-001
2	.36229-002	.37970-002	.39747-002	.41560-002	.43410-002
3	.80509-004	.86487-004	.92743-004	.99283-004	.10611-003
H =	.18402+000	.18447+000	.18492+000	.18537+000	.18583+000

THETA=	.45000+000	.46000+000	.47000+000	.48000+000	.49000+000
-I-			P(I)		
0	.89470+000	.89252+000	.89034+000	.88817+000	.88600+000
1	.10065+000	.10264+000	.10461+000	.10658+000	.10853+000
2	.45294-002	.47214-002	.49169-002	.51158-002	.53182-002
3	.11324-003	.12066-003	.12839-003	.13642-003	.14477-003
H =	.18628+000	.18674+000	.18719+000	.18765+000	.18811+000

THETA=	.50000+000	.60000+000	.70000+000	.80000+000	.90000+000
-I-			P(I)		
0	.88384+000	.86258+000	.84194+000	.82187+000	.80238+000
1	.11048+000	.12939+000	.14734+000	.16437+000	.18053+000
2	.55240-002	.77633-002	.10314-001	.13150-001	.16248-001
3	.15344-003	.25878-003	.40109-003	.58444-003	.81241-003
4		.55452-005	.10027-004	.16698-004	.26113-004
H =	.18857+000	.19322+000	.19796+000	.20279+000	.20772+000

THETA=	.10000+001	.11000+001	.12000+001	.13000+001	.14000+001
-I-			P(I)		
0	.78343+000	.76501+000	.74710+000	.72969+000	.71275+000
1	.19586+000	.21038+000	.22413+000	.23715+000	.24946+000
2	.19586-001	.23142-001	.26896-001	.30829-001	.34925-001
3	.10881-002	.14142-002	.17930-002	.22266-002	.27164-002
4	.38861-004	.55558-004	.76845-004	.10338-003	.13582-003
H =	.21274+000	.21786+000	.22308+000	.22841+000	.23383+000

DENSITY OF THE TWO-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3

THETA=	.15000+001	.16000+001	.17000+001	.18000+001	.19000+001
-I-			P(I)		
0	.69628+000	.68026+000	.66467+000	.64950+000	.63474+000
1	.26111+000	.27210+000	.28248+000	.29228+000	.30150+000
2	.39166-001	.43537-001	.48022-001	.52610-001	.57285-001
3	.32638-002	.38699-002	.45354-002	.52610-002	.60468-002
4	.17485-003	.22114-003	.27537-003	.33820-003	.41032-003
5	.65568-005	.88455-005	.11703-004	.15219-004	.19490-004
H =	.23937+000	.24500+000	.25075+000	.25661+000	.26258+000

THETA=	.20000+001	.21000+001	.22000+001	.23000+001	.24000+001
-I-			P(I)		
0	.62037+000	.60638+000	.59276+000	.57950+000	.56659+000
1	.31018+000	.31835+000	.32602+000	.33321+000	.33995+000
2	.62037-001	.66853-001	.71724-001	.76639-001	.81589-001
3	.68930-002	.77996-002	.87663-002	.97928-002	.10879-001
4	.49236-003	.58497-003	.68878-003	.80441-003	.93244-003
5	.24618-004	.30711-004	.37883-004	.46253-004	.55947-004
H =	.26866+000	.27485+000	.28117+000	.28760+000	.29416+000

THETA=	.25000+001	.26000+001	.27000+001	.28000+001	.29000+001
-I-			P(I)		
0	.55401+000	.54176+000	.52983+000	.51820+000	.50687+000
1	.34626+000	.35214+000	.35763+000	.36274+000	.36748+000
2	.86564-001	.91558-001	.96561-001	.10157+000	.10657+000
3	.12023-001	.13225-001	.14484-001	.15799-001	.17169-001
4	.10735-002	.12280-002	.13967-002	.15799-002	.17783-002
5	.67092-004	.79822-004	.94276-004	.11060-003	.12892-003
6				.57346-005	.69237-005
H =	.30084+000	.30764+000	.31457+000	.32163+000	.32882+000

THETA=	.30000+001	.31000+001	.32000+001	.33000+001	.34000+001
-I-			P(I)		
0	.49583+000	.48506+000	.47457+000	.46435+000	.45438+000
1	.37187+000	.37592+000	.37966+000	.38309+000	.38622+000
2	.11156+000	.11654+000	.12149+000	.12642+000	.13131+000
3	.18593-001	.20070-001	.21598-001	.23177-001	.24804-001
4	.19922-002	.22221-002	.24684-002	.27315-002	.30119-002
5	.14941-003	.17221-003	.19747-003	.22535-003	.25601-003
6	.83007-005	.98861-005	.11702-004	.13772-004	.16119-004
H =	.33614+000	.34360+000	.35119+000	.35893. 00	.36680+000

DENSITY OF THE TWO-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3

THETA=	.35000+001	.36000+001	.37000+001	.38000+001	.39000+001
-I-			P(I)		
0	.44465+000	.43517+000	.42593+000	.41691+000	.40811+000
1	.38907+000	.39166+000	.39398+000	.39606+000	.39791+000
2	.13618+000	.14100+000	.14577+000	.15050+000	.15518+000
3	.26479-001	.28199-001	.29965-001	.31773-001	.33623-001
4	.33098-002	.36256-002	.39596-002	.43121-002	.46832-002
5	.28961-003	.32631-003	.36626-003	.40965-003	.45662-003
6	.18771-004	.21754-004	.25096-004	.28827-004	.32978-004
H =	.37482+000	.38299+000	.39130+000	.39977+000	.40839+000

THETA=	.40000+001	.41000+001	.42000+001	.43000+001	.44000+001
-I-			P(I)		
0	.39953+000	.39115+000	.38298+000	.37501+000	.36723+000
1	.39953+000	.40093+000	.40213+000	.40313+000	.40395+000
2	.15981+000	.16438+000	.16890+000	.17335+000	.17774+000
3	.35514-001	.37443-001	.39409-001	.41411-001	.43447-001
4	.50734-002	.54827-002	.59113-002	.63595-002	.68274-002
5	.50734-003	.56197-003	.62069-003	.68365-003	.75101-003
6	.37580-004	.42668-004	.48276-004	.54439-004	.61193-004
H =	.41716+000	.42609+000	.43518+000	.44444+000	.45385+000

THETA=	.45000+001	.46000+001	.47000+001	.48000+001	.49000+001
-I-			P(I)		
0	.35963+000	.35221+000	.34497+000	.33791+000	.33101+000
1	.40458+000	.40505+000	.40535+000	.40549+000	.40548+000
2	.18206+000	.18632+000	.19051+000	.19463+000	.19869+000
3	.45516-001	.47615-001	.49745-001	.51903-001	.54087-001
4	.73150-002	.78225-002	.83500-002	.88976-002	.94652-002
5	.82294-003	.89959-003	.98113-003	.10677-002	.11595-002
6	.68578-004	.76632-004	.85395-004	.94908-004	.10521-003
7		.50358-005	.57336-005	.65079-005	.73649-005
H =	.46344+000	.47320+000	.48313+000	.49323+000	.50352+000

THETA=	.50000+001	.52000+001	.54000+001	.56000+001	.58000+001
-I-			P(I)		
0	.32427+000	.31126+000	.29885+000	.28700+000	.27569+000
1	.40533+000	.40464+000	.40344+000	.40180+000	.39976+000
2	.20267+000	.21041+000	.21786+000	.22501+000	.23186+000
3	.56296-001	.60785-001	.65358-001	.70003-001	.74710-001
4	.10053-001	.11289-001	.12605-001	.14001-001	.15476-001
5	.12566-002	.14675-002	.17016-002	.19601-002	.22440-002
6	.11635-003	.14132-003	.17016-003	.20327-003	.24102-003
7	.83110-005	.10498-004	.13127-004	.16261-004	.19970-004
H =	.51398+000	.53546+000	.55770+000	.58072+000	.60454+000

DENSITY OF THE TWO-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3

THETA=	.60000+001	.62000+001	.64000+001	.66000+001	.68000+001
-I-			P(I)		
0	.26489+000	.25458+000	.24472+000	.23529+090	.22628+000
1	.39734+000	.39459+000	.39155+000	.38823+000	.38468+000
2	.23840+000	.24465+000	.25059+000	.25623+000	.26158+000
3	.79468-001	.84268-001	.89099-001	.93952-001	.98819-001
4	.17029-001	.18659-001	.20365-001	.22146-001	.23999-001
5	.25543-002	.28922-002	.32585-002	.36541-002	.40798-002
6	.28381-003	.33207-003	.38619-003	.44661-003	.51375-003
7	.24327-004	.29412-004	.35309-004	.42109-004	.49907-004
H =	.62918+000	.65468+000	.68106+000	.70834+000	.73655+000

THETA=	.70000+001	.72000+001	.74000+001	.76000+001	.78000+001
-I-			P(I)		
0	.21766+000	.20941+000	.20152+000	.19397+000	.18673+000
1	.38090+000	.37694+000	.37281+000	.36853+000	.36412+000
2	.26663+000	.27140+000	.27588+000	.28009+000	.28402+000
3	.10369+000	.10856+000	.11342+000	.11826+000	.12307+000
4	.25923-001	.27915-001	.29975-001	.32099-001	.34285-001
5	.45365-002	.50248-002	.55453-002	.60988-002	.66856-002
6	.58806-003	.66997-003	.75992-003	.85834-003	.96569-003
7	.58806-004	.68911-004	.80334-004	.93191-004	.10761-003
8		.56382-005	.67553-005	.80484-005	.95378-005
H =	.76572+000	.79588+000	.82705+000	.85926+000	.89255+000

THETA=	.80000+001	.82000+001	.84000+001	.86000+001	.88000+001
-I-			P(I)		
0	.17980+000	.17316+000	.16680+000	.16070+000	.15486+000
1	.35960+000	.35498+000	.35028+000	.34551+000	.34069+000
2	.28768+000	.29109+000	.29424+000	.29714+000	.29980+000
3	.12786+000	.13261+000	.13731+000	.14197+000	.14657+000
4	.36531-001	.38835-001	.41193-001	.43604-001	.46065-001
5	.73062-002	.79611-002	.86506-002	.93749-002	.10134-001
6	.10824-002	.12089-002	.13456-002	.14930-002	.16515-002
7	.12370-003	.14162-003	.16148-003	.18343-003	.20762-003
8	.11246-004	.13196-004	.15414-004	.17926-004	.20762-004
H =	.92695+000	.96249+000	.99919+000	.10371+001	.10763+001

DENSITY OF THE TWO-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3

THETA=	.90000+001	.92000+001	.94000+001	.96000+001	.98000+001
-I-			P(I)		
0	.14925+000	.14387+000	.13871+000	.13376+000	.12901+000
1	.33581+000	.33091+000	.32598+000	.32103+000	.31607+000
2	.30223+000	.30444+000	.30642+000	.30819+000	.30975+000
3	.15112+000	.15560+000	.16002+000	.16437+000	.16864+000
4	.48573-001	.51126-001	.53721-001	.56354-001	.59025-001
5	.10929-001	.11759-001	.12624-001	.13525-001	.14461-001
6	.18215-002	.20034-002	.21976-002	.24045-002	.26244-002
7	.23419-003	.26330-003	.29510-003	.32975-003	.36742-003
8	.23951-004	.27527-004	.31522-004	.35973-004	.40917-004
H =	.11167+001	.11584+001	.12015+001	.12460+001	.12919+001

THETA=	.10000+002	.10200+002	.10400+002	.10600+002	.10800+002
-I-			P(I)		
0	.12445+000	.12006+000	.11586+000	.11181+000	.10793+000
1	.31112+000	.30616+000	.30123+000	.29630+000	.29140+000
2	.31112+000	.31229+000	.31327+000	.31408+000	.31472+000
3	.17284+000	.17696+000	.18100+000	.18496+000	.18883+000
4	.61729-001	.64465-001	.67230-001	.70020-001	.72834-001
5	.15432-001	.16439-001	.17480-001	.18555-001	.19665-001
6	.28578-002	.31051-002	.33665-002	.36424-002	.39331-002
7	.40826-003	.45245-003	.50016-003	.55196-003	.60681-003
8	.46394-004	.52443-004	.59110-004	.66437-004	.74473-004
9		.49530-005	.56921-005	.65207-005	.74473-005
H =	.13393+001	.13881+001	.14386+001	.14906+001	.15442+001

THETA=	.11000+002	.11200+002	.11400+002	.11600+002	.11800+002
-I-			P(I)		
0	.10419+000	.10060+000	.97153-001	.93834-001	.90642-001
1	.28653+000	.28169+000	.27689+000	.27212+000	.26739+000
2	.31519+000	.31549+000	.31565+000	.31566+000	.31553+000
3	.19261+000	.19631+000	.19991+000	.20342+000	.20684+000
4	.75669-001	.78523-001	.81393-001	.84276-001	.87170-001
5	.20809-001	.21986-001	.23197-001	.24440-001	.25715-001
6	.42389-002	.45602-002	.48971-002	.52501-002	.56192-002
7	.66611-003	.72962-003	.79753-003	.87001-003	.94724-003
8	.83264-004	.92861-004	.10332-003	.11468-003	.12702-003
9	.84806-005	.96301-005	.10906-004	.12318-004	.13878-004
H =	.15996+001	.16567+001	.17155+001	.17762+001	.18387+001

DENSITY OF THE TWO-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U2 = 3$

THETA=	.12000+002	.12200+002	.12400+002	.12600+002	.12800+002
-I-			P(I)		
0	.87571-001	.84617-001	.81773-001	.79036-001	.76401-001
1	.26271+000	.25808+000	.25350+000	.24896+000	.24448+000
2	.31526+000	.31486+000	.31434+000	.31369+000	.31294+000
3	.21017+000	.21340+000	.21654+000	.21959+000	.22253+000
4	.90073-001	.92983-001	.95897-001	.98814-001	.10173+000
5	.27022-001	.28360-001	.29728-001	.31126-001	.32554-001
6	.60049-002	.64072-002	.68265-002	.72628-002	.77164-002
7	.10294-002	.11167-002	.12093-002	.13073-002	.14110-002
8	.14037-003	.15481-003	.17040-003	.18718-003	.20524-003
9	.15597-004	.17488-004	.19564-004	.21838-004	.24324-004
H =	.19032+001	.19697+001	.20382+001	.21087+001	.21815+001

THETA=	.13000+002	.13200+002	.13400+002	.13600+002	.13800+002
-I-			P(I)		
0	.73864-001	.71421-001	.69067-001	.66800-001	.64615-001
1	.24006+000	.23569+000	.23137+000	.22712+000	.22292+000
2	.31207+000	.31111+000	.31004+000	.30888+000	.30763+000
3	.22539+000	.22815+000	.23081+000	.23338+000	.23585+000
4	.10464+000	.10755+000	.11046+000	.11335+000	.11624+000
5	.34009-001	.35593-001	.37004-001	.38541-001	.40103-001
6	.81874-002	.86761-002	.91824-002	.97065-002	.10249-001
7	.15205-002	.16361-002	.17578-002	.18858-002	.20204-002
8	.22462-003	.24541-003	.26766-003	.29145-003	.31684-003
9	.27038-004	.29994-004	.33210-004	.36701-004	.40485-004
H =	.22554+001	.23336+001	.24131+001	.24950+001	.25794+001

THETA=	.14000+002	.14200+002	.14400+002	.14600+002	.14800+002
-I-			P(I)		
0	.62510-001	.60481-001	.58525-001	.56639-001	.54821-001
1	.21879+000	.21471+000	.21069+000	.20673+000	.20284+000
2	.30630+000	.30489+000	.30339+000	.30183+000	.30020+000
3	.23823+000	.24052+000	.24272+000	.24482+000	.24683+000
4	.11912+000	.12198+000	.12483+000	.12766+000	.13047+000
5	.41691-001	.43302-001	.44937-001	.46594-001	.48273-001
6	.10809-001	.11387-001	.11983-001	.12598-001	.13230-001
7	.21617-002	.23099-002	.24651-002	.26275-002	.27973-002
8	.34391-003	.37274-003	.40338-003	.43593-003	.47045-003
9	.44581-004	.49008-004	.53784-004	.58931-004	.64469-004
10	.49011-005	.53532-005	.59577-005	.66184-005	.73396-005
H =	.26662+001	.27557+001	.28478+001	.29426+001	.30402+001

#1201

DENSITY OF THE TWO-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   3

THETA=	.15000+002	.15500+002	.16000+002	.16500+002	.17000+002
-I-			P(I)		
0	.53067-001	.48949-001	.45183-001	.41736-001	.33577-001
1	.19900+000	.18968+000	.18073+000	.17216+000	.16395+000
2	.29850+000	.29400+000	.28917+000	.28407+000	.27872+000
3	.24875+000	.25317+000	.25704+000	.26039+000	.26324+000
4	.13326+000	.14015+000	.14688+000	.15345+000	.15982+000
5	.49973-001	.54307-001	.58753-001	.63296-001	.67925-001
6	.13881-001	.15588-001	.17408-001	.19341-001	.21384-001
7	.29746-002	.34517-002	.39790-002	.45588-002	.51932-002
8	.50703-003	.60796-003	.72346-003	.85478-003	.10032-002
9	.70420-004	.87254-004	.10718-003	.13059-003	.15792-003
10	.81254-005	.10403-004	.13191-004	.16575-004	.20651-004
H =	.31407+001	.34049+001	.36887+001	.39934+001	.43203+001

THETA=	.17500+002	.18000+002	.18500+002	.19000+002	.19500+002
-I-			P(I)		
0	.35681-001	.33024-001	.30583-001	.28340-001	.26276-001
1	.15611+000	.14861+000	.14145+000	.13461+000	.12810+000
2	.27319+000	.26749+000	.26168+000	.25577+000	.24979+000
3	.26560+000	.26749+000	.26894+000	.26997+000	.27061+000
4	.16600+000	.17196+000	.17770+000	.18320+000	.18846+000
5	.72624-001	.77382-001	.82184-001	.87019-001	.91873-001
6	.23536-001	.25794-001	.28156-001	.30618-001	.33176-001
7	.58839-002	.66327-002	.74411-002	.83105-002	.92420-002
8	.11701-002	.13567-002	.15643-002	.17943-002	.20479-002
9	.18960-003	.22612-003	.26796-003	.31567-003	.36977-003
10	.25523-004	.31308-004	.38133-004	.46136-004	.55465-004
11			.45809-005	.56921-005	.70232-005
H =	.46710+001	.50469+001	.54497+001	.58810+001	.63428+001

DENSITY OF THE TWO-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$$U2 = 3$$

THETA=	.20000+002	.21000+002	.22000+002	.23000+002	.24000+002
-I-			P(I)		
0	.24377-001	.21016-001	.18157-001	.15718-001	.13534-001
1	.12189+000	.11033+000	.99862-001	.90381-001	.81804-001
2	.24377+000	.23170+000	.21970+000	.20788+000	.19633+000
3	.27086+000	.27032+000	.26852+000	.26562+000	.26177+000
4	.19347+000	.20274+000	.21098+000	.21819+000	.22438+000
5	.96735-001	.10644+000	.11604+000	.12546+000	.13463+000
6	.35828-001	.41392-001	.47275-001	.53436-001	.59834-001
7	.10237-001	.12418-001	.14858-001	.17557-001	.20514-001
8	.23265-002	.29633-002	.37144-002	.45889-002	.55948-002
9	.43083-003	.57620-003	.75665-003	.97726-003	.12433-002
10	.66282-004	.93079-004	.12805-003	.17290-003	.22993-003
11	.86080-005	.12693-004	.18293-004	.25823-004	.35771-004
12					.47695-005
H =	.68370+001	.79305+001	.91794+001	.10603+002	.12224+002

THETA=	.25000+002	.30000+002	.35000+002	.40000+002	.45000+002
-I-			P(I)		
0	.11848-001	.60224-002	.31760-002	.17275-002	.96500-003
1	.74050-001	.45168-001	.27790-001	.17275-001	.10856-001
2	.18513+000	.13550+000	.97264-001	.69102-001	.48853-001
3	.25712+000	.22584+000	.18912+000	.15356+000	.12213+000
4	.22957+000	.24197+000	.23640+000	.21937+000	.19628+000
5	.14348+000	.18148+000	.20685+000	.21937+000	.22082+000
6	.66427-001	.10082+000	.13407+000	.16250+000	.18402+000
7	.23724-001	.43209-001	.67036-001	.92856-001	.11830+000
8	.67397-002	.14730-001	.26662-001	.42207-001	.60492-001
9	.15601-002	.40918-002	.86405-002	.15632-001	.25205-001
10	.30002-003	.94426-003	.23263-002	.48099-002	.87249-002
11	.48705-004	.18395-003	.52870-003	.12493-002	.25495-002
12	.67646-005	.30658-004	.10280-003	.27783-003	.63737-003
13		.44218-005	.17299-004	.53390-004	.13789-003
14				.89731-005	.26072-004
15					.43453-005
H =	.14067+002	.27674+002	.52478+002	.96476+002	.17271+003

DENSITY OF THE TWO-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3

THETA=	.50000+002	.55000+002	.60000+002	.65000+002	.70000+002
-I-			P(I)		
0	.55166-003	.32187-003	.19125-003	.11551-003	.70803-004
1	.68957-002	.44257-002	.28697-002	.18770-002	.12390-002
2	.34479-001	.24341-001	.17212-001	.12200-001	.86733-002
3	.95774-001	.74377-001	.57374-001	.44057-001	.33730-001
4	.17103+000	.14610+000	.12294+000	.10227+000	.84324-001
5	.21378+000	.20088+000	.18442+000	.16820+000	.14757+000
6	.19795+000	.20460+000	.20491+000	.20005+000	.19129+000
7	.14139+000	.16076+000	.17563+000	.18576+000	.19129+000
8	.80335-001	.10048+000	.11975+000	.13721+000	.15216+000
9	.37192-001	.51168-001	.66528-001	.82580-001	.98624-001
10	.14305-001	.21648-001	.30705-001	.41290-001	.53105-001
11	.46444-002	.77314-002	.11963-001	.17428-001	.24139-001
12	.12901-002	.23624-002	.39877-002	.62933-002	.93873-002
13	.31012-003	.62467-003	.11503-002	.19667-002	.31592-002
14	.65152-004	.14436-003	.28999-003	.53711-003	.92917-003
15	.12065-004	.29406-004	.64442-004	.12930-003	.24090-003
16		.53201-005	.12719-004	.27647-004	.55470-004
17				.52855-005	.11420-004
H =	.30212+003	.51781+00	.87148+003	.14429+004	.23540+004

THETA=	.75000+002	.80000+002	.85000+002	.90000+002	.95000+002
-I-			P(I)		
0	.43990-004	.27672-004	.17607-004	.11322-004	.73519-005
1	.82482-003	.55344-003	.37415-003	.25470-003	.17461-003
2	.61861-002	.44276-002	.31803-002	.22926-002	.16588-002
3	.25776-001	.19679-001	.15018-001	.11465-001	.87547-002
4	.69042-001	.56223-001	.45590-001	.36846-001	.29703-001
5	.12945+000	.11245+000	.96879-001	.82904-001	.70546-001
6	.17980+000	.16659+000	.15249+000	.13817+000	.12411+000
7	.19264+000	.19033+000	.18517+000	.17765+000	.16843+000
8	.16418+000	.17308+000	.17886+000	.18169+000	.18183+000
9	.11401+000	.12820+000	.14077+000	.15141+000	.15994+000
10	.65778-001	.78895-001	.92041-001	.10482+000	.11688+000
11	.32035-001	.40585-001	.50802-001	.61259-001	.72102-001
12	.13348-001	.18215-001	.23990-001	.30629-001	.38054-001
13	.48129-002	.70059-002	.98035-002	.13253-001	.17380-001
14	.15167-002	.23549-002	.35013-002	.50117-002	.69376-002
15	.42130-003	.69776-003	.11022-002	.16706-002	.24410-002
16	.10394-003	.18362-003	.30819-003	.49457-003	.76281-003
17	.22928-004	.43205-004	.77049-004	.13092-003	.21314-003
18	.45491-005	.91439-005	.17326-004	.31171-004	.53567-004
19				.67114-005	.12174-004
H =	.37887+004	.60229+004	.94659+004	.14721+005	.22670+005

DENSITY OF THE TWO-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   3

THETA= .10000+003

-I-	P(I)
0	.48180-005
1	.12045-003
2	.12045-002
3	.66917-002
4	.23899-001
5	.59747-001
6	.11064+000
7	.15806+000
8	.17962+000
9	.16631+000
10	.12793+000
11	.83072-001
12	.46151-001
13	.22188-001
14	.93227-002
15	.34529-002
16	.11358-002
17	.33406-003
18	.88376-004
19	.21143-004
20	.45962-005
H =	.34592+005

U2 =   4

THETA=	.00000+000	.10000-001	.20000-001	.30000-001	.40000-001
-I-			P(I)		
0	.10000+001	.99800+000	.99601+000	.99402+000	.99204+000
1		.19960-002	.39840-002	.59641-002	.79363-002
2			.66401-005	.14910-004	.26454-004
H =	.41667-001	.41750-001	.41834-001	.41917-001	.42001-001

THETA=	.50000-001	.60000-001	.70000-001	.80000-001	.90000-001
-I-			P(I)		
0	.99006+000	.98808+000	.98611+000	.98415+000	.98219+000
1	.99006-002	.11857-001	.13806-001	.15746-001	.17679-001
2	.41252-004	.59285-004	.80533-004	.10498-003	.13260-003
H =	.42085-001	.42169-001	.42253-001	.42338-001	.42422-001

DENSITY OF THE TWO-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   4

THETA=	.10000+000	.11000+000	.12000+000	.13000+000	.14000+000
-I-			P(I)		
0	.98023+000	.97828+000	.97633+000	.97439+000	.97245+000
1	.19605-001	.21522-001	.23432-001	.25334-001	.27229-001
2	.16337-003	.19729-003	.23432-003	.27445-003	.31767-003
H =	.42507-001	.42592-001	.42677-001	.42762-001	.42847-001

THETA=	.15000+000	.16000+000	.17000+000	.18000+000	.19000+000
-I-			P(I)		
0	.97052+000	.96859+000	.96666+000	.96474+000	.96283+000
1	.29116-001	.30995-001	.32867-001	.34731-001	.36587-001
2	.36394-003	.41326-003	.46561-003	.52096-003	.57930-003
3					.52413-005
H =	.42932-001	.43018-001	.43104-001	.43189-001	.43275-001

THETA=	.20000+000	.21000+000	.22000+000	.23000+000	.24000+000
-I-			P(I)		
0	.96092+000	.95901+000	.95711+000	.95521+000	.95332+000
1	.38437-001	.40278-001	.42113-001	.43940-001	.45759-001
2	.64061-003	.70487-003	.77207-003	.84218-003	.91518-003
3	.61011-005	.70487-005	.80883-005	.92238-005	.10459-004
H =	.43361-001	.43448-001	.43534-001	.43620-001	.43707-001

THETA=	.25000+000	.26000+000	.27000+000	.28000+000	.29000+000
-I-			P(I)		
0	.95143+000	.94954+000	.94766+000	.94578+000	.94391+000
1	.47571-001	.49376-001	.51174-001	.52964-001	.54747-001
2	.99107-003	.10698-002	.11514-002	.12358-002	.13230-002
3	.11798-004	.13245-004	.14804-004	.16478-004	.18271-004
H =	.43794-001	.43881-001	.43968-001	.44055-001	.44143-001

THETA=	.30000+000	.31000+000	.32000+000	.33000+000	.34000+000
-I-			P(I)		
0	.94204+000	.94018+000	.93832+000	.93647+000	.93462+000
1	.56523-001	.58291-001	.60053-001	.61807-001	.63554-001
2	.14131-002	.15059-002	.16014-002	.16997-002	.18007-002
3	.20187-004	.22229-004	.24402-004	.26709-004	.29154-004
H =	.44230-001	.44318-001	.44406-001	.44493-001	.44582-001

DENSITY OF THE TWO-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 4

THETA=	.35000+000	.36000+000	.37000+000	.38000+000	.39000+000
-I-			P(I)		
0	.93277+000	.93093+000	.92909+000	.92726+000	.92543+000
1	.65294-001	.67027-001	.68753-001	.70471-001	.72183-001
2	.19044-002	.20108-002	.21199-002	.22316-002	.23460-002
3	.31740-004	.34471-004	.37350-004	.40391-004	.43568-004
H =	.44670-001	.44758-001	.44847-001	.44935-001	.45024-001

THETA=	.40000+000	.41000+000	.42000+000	.43000+000	.44000+000
-I-			P(I)		
0	.92360+000	.92178+000	.91996+000	.91815+000	.91634+000
1	.73888-001	.75586-001	.77277-001	.78961-001	.80638-001
2	.24629-002	.25825-002	.27047-002	.28294-002	.29567-002
3	.46913-004	.50421-004	.54094-004	.57936-004	.61951-004
H =	.45113-001	.45202-001	.45292-001	.45381-001	.45471-001

THETA=	.45000+000	.46000+000	.47000+000	.48000+000	.49000+000
-I-			P(I)		
0	.91454+000	.91274+000	.91094+000	.90915+000	.90736+000
1	.82308-001	.83972-001	.85629-001	.87278-001	.88921-001
2	.30866-002	.32189-002	.33538-002	.34911-002	.36310-002
3	.66141-004	.70510-004	.75061-004	.79797-004	.84722-004
H =	.45560-001	.45650-001	.45740-001	.45830-001	.45921-001

THETA=	.50000+000	.60000+000	.70000+000	.80000+000	.90000+000
-I-			P(I)		
0	.90558+000	.88796+000	.87074+000	.85391+000	.83745+000
1	.90558-001	.10656+000	.12190+000	.13663+000	.15074+000
2	.37732-002	.53278-002	.71111-002	.91084-002	.11306-001
3	.89839-004	.15222-003	.23704-003	.34699-003	.48453-003
4			.51852-005	.86746-005	.13627-004
H =	.46011-001	.46924-001	.47852-001	.48795-001	.49754-001

THETA=	.10000+001	.11000+001	.12000+001	.13000+001	.14000+001
-I-			P(I)		
0	.82136+000	.80563+000	.79025+000	.77520+000	.76049+000
1	.16427+000	.17724+000	.18966+000	.20155+000	.21294+000
2	.13689-001	.16247-001	.18966-001	.21835-001	.24843-001
3	.65188-003	.85103-003	.10838-002	.13517-002	.16562-002
4	.20371-004	.29254-004	.40641-004	.54912-004	.73458-004
H =	.50729-001	.51719-001	.52726-001	.53749-001	.54789-001

DENSITY OF THE TWO-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U2 = 4$

THETA=	.15000+001	.16000+001	.17000+001	.18000+001	.19000+001
-I-			P(I)		
0	.74610+000	.73202+000	.71825+000	.70477+000	.69159+000
1	.22383+000	.23425+000	.24420+000	.25372+000	.26280+000
2	.27979-001	.31233-001	.34596-001	.38058-001	.41611-001
3	.19985-002	.23796-002	.28006-002	.32621-002	.37648-002
4	.93678-004	.11898-003	.14878-003	.18349-003	.22353-003
5			.56206-005	.73397-005	.94381-005
H =	.55846-001	.56920-001	.58012-001	.59121-001	.60248-001

THETA=	.20000+001	.21000+001	.22000+001	.23000+001	.24000+001
-I-			P(I)		
0	.67869+000	.66606+000	.65371+000	.64162+000	.62979+000
1	.27148+000	.27975+000	.28763+000	.29515+000	.30230+000
2	.45246-001	.48956-001	.52733-001	.56570-001	.60459-001
3	.43091-002	.48956-002	.55244-002	.61957-002	.69097-002
4	.26932-003	.32127-003	.37980-003	.44532-003	.51822-003
5	.11970-004	.14993-004	.18568-004	.22761-004	.27639-004
H =	.61393-001	.62556-001	.63739-001	.64940-001	.66160-001

THETA=	.25000+001	.26000+001	.27000+001	.28000+001	.29000+001
-I-			P(I)		
0	.61820+000	.60686+000	.59576+000	.58489+000	.57425+000
1	.30910+000	.31557+000	.32171+000	.32754+000	.33307+000
2	.64396-001	.68373-001	.72385-001	.76426-001	.80491-001
3	.76662-002	.84653-002	.93067-002	.10190-001	.11115-001
4	.59892-003	.68780-003	.78525-003	.89164-003	.10073-002
5	.33273-004	.39740-004	.47115-004	.55480-004	.64917-004
H =	.67400-001	.68659-001	.69938-001	.71238-001	.72558-001

THETA=	.30000+001	.31000+001	.32000+001	.33000+001	.34000+001
-I-			P(I)		
0	.56383+000	.55363+000	.54364+000	.53385+000	.52426+000
1	.33830+000	.34325+000	.34793+000	.35234+000	.35650+000
2	.84575-001	.88673-001	.92780-001	.96893-001	.10101+000
3	.12082-001	.13090-001	.14138-001	.15226-001	.16354-001
4	.11327-002	.12681-002	.14138-002	.15702-002	.17376-002
5	.75513-004	.87356-004	.10054-003	.11515-003	.13128-003
6			.53620-005	.65331-005	.74394-005
H =	.73899-001	.75261-001	.76645-001	.78050-001	.79477-001

DENSITY OF THE TWO-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U2 = 4$

THETA=	.35000+001	.36000+001	.37000+001	.38000+001	.39000+001
-I-			P(I)		
0	.51487+000	.50568+000	.49667+000	.48784+000	.47919+000
1	.36041+000	.36409+000	.36753+000	.37076+000	.37377+000
2	.10512+000	.10923+000	.11332+000	.11741+000	.12148+000
3	.17520-001	.18724-001	.19966-001	.21245-001	.22560-001
4	.19163-002	.21065-002	.23086-002	.25228-002	.27495-002
5	.14904-003	.16852-003	.18982-003	.21304-003	.23829-003
6	.86941-005	.10111-004	.11706-004	.13493-004	.15489-004
H =	.80926-001	.82398-001	.83893-001	.85411-001	.86952-001

THETA=	.40000+001	.41000+001	.42000+001	.43000+001	.44000+001
-I-			P(I)		
0	.47072+000	.46242+000	.45428+000	.44631+000	.43849+000
1	.37657+000	.37918+000	.38159+000	.38382+000	.38587+000
2	.12552+000	.12955+000	.13356+000	.13754+000	.14149+000
3	.23909-001	.25294-001	.26712-001	.28162-001	29645-001
4	.29887-002	.32408-002	.35059-002	.37843-002	.40762-002
5	.26566-003	.29527-003	.32722-003	.36161-003	.39856-003
6	.17711-004	.20177-004	.22905-004	.25915-004	.29228-004
H =	.88517-001	.90107-001	.91720-001	.93359-001	.95023-001

THETA=	.45000+001	.46000+001	.47000+001	.48000+001	.49000+001
-I-			P(I)		
0	.43083+000	.42333+000	.41597+000	.40875+000	.40168+000
1	.38775+000	.38946+000	.39101+000	.39240+000	.39365+000
2	.14541+000	.14929+000	.15315+000	.15696+000	.16074+000
3	.31158-001	.32702-001	.34275-001	.35877-001	.37506-001
4	.43816-002	.47009-002	.50342-002	.53815-002	.57431-002
5	.43816-003	.48054-003	.52579-003	.57403-003	.62536-003
6	.32862-004	.36841-004	.41187-004	.45922-004	.51071-004
H =	.96712-001	.98427-001	.10017+000	.10194+000	.10373+000

THETA=	.50000+001	.52000+001	.54000+001	.56000+001	.58000+001
-I-			P(I)		
0	.39475+000	.38129+000	.36835+000	.35590+000	.34393+000
1	.39475+000	.39654+000	.39781+000	.39861+000	.39896+000
2	.16448+000	.17183+000	.17902+000	.18602+000	.19283+000
3	.39162-001	.42549-001	.46033-001	.49605-001	.53258-001
4	.61190-002	.69143-002	.77680-002	.86808-002	.96529-002
5	.67989-003	.79898-003	.93216-003	.10803-002	.12442-002
6	.56658-004	.69245-004	.83895-004	.10083-003	.12027-003
7			.58835-005	.73328-005	.90592-005
H =	.10555+000	.10928+000	.11312+000	.11707+000	.12115+000

#1201

DENSITY OF THE TWO-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   4

THETA=	.60000+001	.62000+001	.64070+001	.66000+001	.68000+001
-I-			P(I)		
0	.33241+000	.32133+000	.31066+000	.30039+000	.29051+000
1	.39889+000	.39845+000	.39765+000	.39652+000	.39509+000
2	.19945+000	.20586+000	.21208+000	.21809+000	.22388+000
3	.56985-001	.60779-001	.64633-001	.68541-001	.72496-001
4	.10685-001	.11776-001	.12927-001	.14137-001	.15405-001
5	.14246-002	.16225-002	.18385-002	.20734-002	.23279-002
6	.14246-003	.16765-003	.19610-003	.22807-003	.26383-003
7	.11101-004	.13499-004	.16299-004	.19549-004	.23299-004
H =	.12535+000	.12967+000	.13412+000	.13871+000	.14343+000

THETA=	.70000+001	.72000+001	.74000+001	.76000+001	.78000+001
-I-			P(I)		
0	.28099+000	.27182+000	.26298+000	.25447+000	.24627+000
1	.39338+000	.39142+000	.38921+000	.38679+000	.38418+000
2	.22947+000	.23485+000	.24002+000	.24497+000	.24971+000
3	.76491-001	.80520-001	.84577-001	.88656-001	.92751-001
4	.16732-001	.18117-001	.19558-001	.21056-001	.22608-001
5	.26028-002	.28987-002	.32163-002	.35561-002	.39187-002
6	.30366-003	.34785-003	.39667-003	.45044-003	.50943-003
7	.27606-004	.32526-004	.38122-004	.44459-004	.51605-004
H =	.14829+000	.15329+000	.15844+000	.16374+000	.16919+000

THETA=	.80000+001	.82000+001	.84000+001	.86000+001	.88000+001
-I-			P(I)		
0	.23836+000	.23074+000	.22339+000	.21630+000	.20946+000
1	.38138+000	.37841+000	.37529+000	.37203+000	.36865+000
2	.25425+000	.25858+000	.26270+000	.26662+000	.27035+000
3	.96857-001	.10097+000	.10508+000	.10919+000	.11329+000
4	.24214-001	.25873-001	.27584-001	.29345-001	.31194-001
5	.43048-002	.47147-002	.51490-002	.56081-002	.60924-002
6	.57397-003	.64434-003	.72086-003	80382-003	.89355-003
7	.59633-004	.68619-004	.78639-004	.89778-004	.10212-003
8	.49694-005	.58611-005	.68809-005	.80426-005	.93610-005
H =	.17481+000	.18058+000	.18652+000	.19263+000	.19892+000

DENSITY OF THE TWO-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   4

THETA=	.90000+001	.92000+001	.94000+001	.96000+001	.98000+001
-I-			P(I)		
0	.20287+000	.19650+000	.19036+000	.18444+000	.17871+000
1	.36516+000	.36157+000	.35788+000	.35412+000	.35028+000
2	.27387+000	.27720+000	.28034+000	.28329+000	.28606+000
3	.11737+000	.12144+000	.12549+000	.12951+000	.13350+000
4	.33011-001	.34914-001	.36861-001	.38852-001	.40883-001
5	.66022-002	.71380-002	.76999-002	.82883-002	.89034-002
6	.99033-003	.10945-002	.12063-002	.13261-002	.14542-002
7	.11575-003	.13077-003	.14727-003	.16534-003	.18508-003
8	.10852-004	.12532-004	.14420-004	.16534-004	.18894-004
H =	.20539+000	.21204+000	.21888+000	.22591+000	.23315+000

THETA=	.10000+002	.10200+002	.10400+002	.10600+002	.10800+002
-I-			P(I)		
0	.17319+000	.16786+000	.16271+000	.15773+000	.15293+000
1	.34638+000	.34243+000	.33843+000	.33439+000	.33032+000
2	.28865+000	.29107+000	.29331+000	.29538+000	.29729+000
3	.13745+000	.14137+000	.14526+000	.14910+000	.15289+000
4	.42954-001	.45063-001	.47209-001	.49388-001	.51601-001
5	.95454-002	.10214-001	.10910-001	.11634-001	.12384-001
6	.15909-002	.17364-002	.18911-002	.20553-002	.22292-002
7	.20661-003	.23002-003	.25543-003	.28294-003	.31266-003
8	.21522-004	.24440-004	.27671-004	.31241-004	.35175-004
H =	.24058+000	.24823+000	.25608+000	.26416+000	.27246+000

THETA=	.11000+002	.11200+002	.11400+002	.11600+002	.11800+002
-I-			P(I)		
0	.14828+000	.14380+000	.13946+000	.13527+000	.13122+000
1	.32623+000	.32211+000	.31797+000	.31383+000	.30968+000
2	.29904+000	.30063+000	.30208+000	.30337+000	.30452+000
3	.15664+000	.16034+000	.16398+000	.16758+000	.17111+000
4	.53845-001	.56118-001	.58419-001	.60746-001	.63097-001
5	.13162-001	.13967-001	.14800-001	.15659-001	.16546-001
6	.24131-002	.26072-002	.28119-002	.30274-002	.32540-002
7	.34472-003	.37923-003	.41631-003	.45608-003	.49866-003
8	.39499-004	.44244-004	.49437-004	.55109-004	.61293-004
9			.48169-005	.54638-005	.61817-005
H =	.28099+000	.28976+000	.29877+000	.30802+000	.31753+000

DENSITY OF THE TWO-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 4

THETA=	.12000+002	.12200+002	.12400+002	.12600+002	.12800+002
-I-			P(I)		
0	.12730+000	.12352+000	.11996+000	.11631+000	.11289+000
1	.30553+000	.30138+000	.29724+000	.29311+000	.28899+000
2	.30553+000	.30641+000	.30715+000	.30777+000	.30826+000
3	.17459+000	.17801+000	.18137+000	.18466+000	.18789+000
4	.65471-001	.67866-001	.70279-001	.72710-001	.75157-001
5	.17459-001	.18399-001	.19366-001	.20359-001	.21378-001
6	.34918-002	.37412-002	.40023-002	.42753-002	.45606-002
7	.54418-003	.59275-003	.64452-003	.69960-003	.75813-003
8	.68022-004	.75329-004	.83251-004	.91823-004	.10108-003
9	.69766-005	.78548-005	.88231-005	.98886-005	.11059-004
H =	.32730+000	.33733+000	.34764+000	.35823+000	.36910+000

THETA=	.13000+002	.13200+002	.13400+002	.13600+002	.13800+002
-I-			P(I)		
0	.10957+000	.10637+000	.10326+000	.10026+000	.97354-001
1	.28489+000	.28081+000	.27675+000	.27271+000	.26870+000
2	.30863+000	.30889+000	.30903+000	.30907+000	.30900+000
3	.19106+000	.19416+000	.19719+000	.20016+000	.20306+000
4	.77617-001	.80091-001	.82575-001	.85069-001	.87569-001
5	.22423-001	.23493-001	.24589-001	.25709-001	.26855-001
6	.48583-002	.51685-002	.54915-002	.58275-002	.61765-002
7	.82023-003	.88603-003	.95567-003	.10293-002	.11070-002
8	.11107-003	.12183-003	.13340-003	.14581-003	.15913-003
9	.12341-004	.13745-004	.15278-004	.16949-004	.18769-004
H =	.38026+000	.39173+000	.40350+000	.41558+000	.42799+000

THETA=	.14000+002	.14200+002	.14400+002	.14600+002	.14800+002
-I-			P(I)		
0	.94541-001	.91817-001	.89180-001	.86626-001	.84153-001
1	.26471+000	.26076+000	.25684+000	.25295+000	.24909+000
2	.30883+000	.30857+000	.30820+000	.30775+000	.30721+000
3	.20589+000	.20865+000	.21134+000	.21396+000	.21651+000
4	.90076-001	.92588-001	.95103-001	.97620-001	.10014+000
5	.28024-001	.29217-001	.30433-001	.31672-001	.32934-001
6	.65389-002	.69146-002	.73039-002	.77069-002	.81237-002
7	.11889-002	.12752-002	.13659-002	.14613-002	.15614-002
8	.17338-003	.18862-003	.20489-003	.22224-003	.24072-003
9	.20746-004	.22892-004	.25217-004	.27733-004	.30450-004
H =	.44073+000	.45380+000	.46722+000	.48100+000	.49513+000

DENSITY OF THE TWO-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 4

THETA=	.15000+002	.15500+002	.16000+002	.16500+002	.17000+002
-I-			P(I)		
0	.81757-001	.76092-001	.70856-001	.66015-001	.61536-001
1	.24527+000	.23588+000	.22674+000	.21785+000	.20922+000
2	.30659+000	.30468+000	.30232+000	.29954+000	.29640+000
3	.21899+000	.22489+000	.23034+000	.23536+000	.23994+000
4	.10265+000	.10893+000	.11517+000	.12136+000	.12747+000
5	.34218-001	.37520-001	.40949-001	.44497-001	.48155-001
6	.85544-002	.96927-002	.10920-001	.12237-001	.13644-001
7	.16664-002	.19511-002	.22690-002	.26221-002	.30123-002
8	.26038-003	.31502-003	.37817-003	.45068-003	.53343-003
9	.33382-004	.41734-004	.51716-004	.63558-004	.77506-004
10		.46206-005	.59104-005	.74907-005	.94115-005
H =	.50964+000	.54758+000	.58804+000	.63117+000	.67711+000

THETA=	.17500+002	.18000+002	.18500+002	.19000+002	.19500+002
-I-			P(I)		
0	.57389-001	.53547-001	.49986-001	.46683-001	.43618-001
1	.20086+000	.19277+000	.18495+000	.17740+000	.17011+000
2	.29292+000	.28915+000	.28513+000	.28088+000	.27643+000
3	.24410+000	.24785+000	.25118+000	.25413+000	.25668+000
4	.13349+000	.13941+000	.14522+000	.15089+000	.15642+000
5	.51914-001	.55766-001	.59700-001	.63708-001	.67781-001
6	.15142-001	.16730-001	.18407-001	.20174-001	.22029-001
7	.34413-002	.39108-002	.44226-002	.49781-002	.55787-002
8	.62732-003	.73328-003	.85227-003	.98524-003	.11332-002
9	.93829-004	.11281-003	.13476-003	.16000-003	.18886-003
10	.11729-004	.14504-004	.17808-004	.21714-004	.26306-004
H =	.72604+000	.77813+000	.83357+000	.89254+000	.95526+000

THETA=	.20000+002	.21000+002	.22000+002	.23000+002	.24000+002
-I-			P(I)		
0	.40772-001	.35671-001	.31260-001	.27437-001	.24119-001
1	.16309+000	.14982+000	.13754+000	.12621+000	.11577+000
2	.27181+000	.26218+000	.25216+000	.24190+000	.23154+000
3	.25887+000	.26218+000	.26417+000	.26494+000	.26462+000
4	.16179+000	.17206+000	.18162+000	.19043+000	.19846+000
5	.71909-001	.80293-001	.88790-001	.97330-001	.10585+000
6	.23970-001	.28103-001	.32556-001	.37310-001	.42339-001
7	.62259-002	.76644-002	.93018-002	.11144-001	.13196-001
8	.12971-002	.16766-002	.21317-002	.26700-002	.32991-002
9	.22172-003	.30092-003	.40083-003	.52488-003	.67674-003
10	.31674-004	.45139-004	.62987-004	.86230-004	.11601-003
11		.57449-005	.83983-005	.12020-004	.16875-004
H =	.10219+001	.11681+001	.13329+001	.15196+001	.17276+001

DENSITY OF THE TWO-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   ♦

THETA=	.25000+002	.30000+002	.35000+002	.40000+002	.45000+002
-I-			---P(I)---		
0	.21233-001	.11455-001	.63666-002	.36294-002	.21153-002
1	.10616+000	.68733-001	.44566-001	.29035-001	.19037-001
2	.22117+000	.17183+000	.12998+000	.96785-001	.71390-001
3	.26330+000	.24547+000	.21664+000	.18435+000	.15298+000
4	.20570+000	.23013+000	.23695+000	.23044+000	.21513+000
5	.11428+000	.15342+000	.18430+000	.20484+000	.21513+000
6	.47617-001	.76710-001	.10751+000	.13656+000	.16134+000
7	.15460-001	.29887-001	.48866-001	.70939-001	.94292-001
8	.40260-002	.93397-002	.17816-001	.29558-001	.44200-001
9	.86027-003	.23948-002	.53295-002	.10105-001	.17000-001
10	.15362-003	.51317-003	.13324-002	.28872-002	.54642-002
11	.23276-004	.93304-004	.28263-003	.69993-003	.14902-002
12		.14579-004	.51520-004	.14582-003	.34928-003
13			.81593-005	.26393-004	.71120-004
14					.12700-004
H =	.19624+001	.36373+001	.65446+001	.11480+002	.19698+002

THETA=	.50000+002	.55000+002	.60000+002	.65000+002	.70000+002
-I-			---P(I)---		
0	.12570-002	.76006-003	.46679-003	.29074-003	.18344-003
1	.12570-001	.83607-002	.56014-002	.37797-002	.25681-002
2	.52376-001	.38320-001	.28007-001	.20473-001	.14981-001
3	.12470+000	.10036+000	.80020-001	.63369-001	.49935-001
4	.19485+000	.17250+000	.15004+000	.12872+000	.10923+000
5	.21650+000	.21083+000	.20005+000	.18593+000	.16992+000
6	.18042+000	.19326+000	.20005+000	.20142+000	.19824+000
7	.11715+000	.13804+000	.15588+000	.17003+000	.18022+000
8	.61018-001	.79087-001	.97427-001	.11513+000	.13141+000
9	.26076-001	.37178-001	.49963-001	.63958-001	.78620-001
10	.93128-002	.14605-001	.21413-001	.29695-001	.39310-001
11	.28221-002	.48685-002	.77864-002	.11698-001	.16677-001
12	.73492-003	.13946-002	.24333-002	.39603-002	.60802-002
13	.16627-003	.34708-003	.66061-003	.11648-002	.19258-002
14	.32990-004	.75751-004	.15729-003	.30044-003	.53496-003
15	.57877-005	.14619-004	.33113-004	.68522-004	.13139-003
16			.62088-005	.13918-004	.28742-004
17					.56357-005
H =	.33147+002	.54820+002	.89263+002	.14331+003	.22715+003

DENSITY OF THE TWO-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   4

THETA=	.75000+002	.80000+002	.85000+002	.90000+002	.95000+002
-I-			----P(I)----		
0	.11711-003	.75576-004	.49267-004	.32418-004	.21518-004
1	.17566-002	.12092-002	.83754-003	.58353-003	.40885-003
2	.10979-001	.80615-002	.59326-002	.43765-002	.32367-002
3	.39209-001	.30710-001	.24013-001	.18756-001	.14642-001
4	.91897-001	.76776-001	.63784-001	.52752-001	.43469-001
5	.15316+000	.13649+000	.12043+000	.10550+000	.91788-001
6	.19145+000	.18199+000	.17068+000	.15826+000	.14530+000
7	.18648+000	.18908+000	.18842+000	.18497+000	.17927+000
8	.14569+000	.15756+000	.16683+000	.17341+000	.17740+000
9	.93389-001	.10774+000	.12120+000	.13340+000	.14404+000
10	.50030-001	.61564-001	.73585-001	.85754-001	.97742-001
11	.22741-001	.29849-001	.37907-001	.46775-001	.56276-001
12	.88831-002	.12437-001	.16762-001	.21926-001	.27845-001
13	.30146-002	.45021-002	.64546-002	.89290-002	.11969-001
14	.89722-003	.14292-002	.21771-002	.31889-002	.45123-002
15	.23611-003	.40119-003	.64932-003	.10070-002	.15041-002
16	.55338-004	.10030-003	.17248-003	.28323-003	.44653-003
17	.11626-004	.22476-004	.41066-004	.71402-004	.11882-003
18		.45406-005	.88146-005	.16228-004	.28506-004
19					.61969-005
H =	.35580+003	.55132+003	.84573+003	.12853+004	.19363+004

THETA=	.10000+003
-I-	----P(I)----
0	.14400-004
1	.28800-003
2	.24000-002
3	.11429-001
4	.35714-001
5	.79365-001
6	.13228+000
7	.17179+000
8	.17894+000
9	.15294+000
10	.10925+000
11	.66209-001
12	.34484-001
13	.15604-001
14	.61919-002
15	.21726-002
16	.67894-003
17	.19018-003
18	.48025-004
19	.10990-004
H =	.28935+004

DENSITY OF THE TWO-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 5

THETA=	.00000+000	.10000-001	.20000-001	.30000-001	.40000-001
-I-			P(I)		
0	.10000+001	.99833+000	.99667+000	.99501+000	.99336+000
1		.16639-002	.33222-002	.49751-002	.66224-002
2				.10661-004	.18921-004
H =	.83333-002	.83472-002	.83612-002	.83791-002	.83890-002

THETA=	.50000-001	.60000-001	.70000-001	.80000-001	.90000-001
-I-			P(I)		
0	.99171+000	.99006+000	.98841+000	.98677+000	.98513+000
1	.82642-002	.99006-002	.11531-001	.13157-001	.14777-001
2	.29515-004	.42431-004	.57657-004	.75182-004	.94994-004
H =	.84030-002	.84170-002	.84310-002	.84451-002	.84591-002

THETA=	.10000+000	.11000+000	.12000+000	.13000+000	.14000+000
-I-			P(I)		
0	.98349+000	.98186+000	.98023+000	.97860+000	.97697+000
1	.16392-001	.18001-001	.19605-001	.21203-001	.22796-001
2	.11708-003	.14143-003	.16804-003	.19688-003	.22796-003
H =	.84732-002	.84873-002	.85014-002	.85156-002	.85297-002

THETA=	.15000+000	.16000+000	.17000+000	.18000+000	.19000+000
-I-			P(I)		
0	.97535+000	.97373+000	.97212+000	.97051+000	.96890+000
1	.24384-001	.25966-001	.27543-001	.29115-001	.30682-001
2	.26126-003	.29676-003	.33446-003	.37434-003	.41640-003
H =	.85439-002	.85581-002	.85723-002	.85866-002	.86008-002

THETA=	.20000+000	.21000+000	.22000+000	.23000+000	.24000+000
-I-			P(I)		
0	.96729+000	.96569+000	.96409+000	.96249+000	.96090+000
1	.32243-001	.33799-001	.35350-001	.36896-001	.38436-001
2	.46062-003	.50699-003	.55550-003	.60614-003	.65890-003
3			.50921-005	.58089-005	.65890-005
H =	.86151-002	.86294-002	.86437-002	.86581-002	.86724-002

THETA=	.25000+000	.26000+000	.27000+000	.28000+000	.29000+000
-I-			P(I)		
0	.95931+000	.95772+000	.95613+000	.95455+000	.95297+000
1	.39971-001	.41501-001	.43026-001	.44546-001	.46060-001
2	.71377-003	.77074-003	.82979-003	.89092-003	.95411-003
3	.74351-005	.83496-005	.93351-005	.10394-004	.11529-004
H =	.86868-002	.87012-002	.87156-002	.87301-002	.87446-002

DENSITY OF THE TWO-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   5

THETA=	.30000+000	.31000+000	.32000+000	.33000+000	.34000+000
-I-			-P(I)-		
0	.95140+000	.94982+000	.94825+000	.94669+000	.94512+000
1	.47570-001	.49074-001	.50574-001	.52068-001	.53557-001
2	.10194-002	.10866-002	.11560-002	.12273-002	.13007-002
3	.12742-004	.14036-004	.15413-004	.16876-004	.18426-004
H =	.87590-002	.87735-002	.87881-002	.88026-002	.88172-002

THETA=	.35000+000	.36000+000	.37000+000	.38000+000	.39000+000
-I-			-P(I)-		
0	.94356+000	.94200+000	.94045+000	.93890+000	.93735+000
1	.55041-001	.56520-001	.57994-001	.59463-001	.60928-001
2	.13760-002	.14534-002	.15327-002	.16140-002	.16973-002
3	.20067-004	.21801-004	.23629-004	.25555-004	.27581-004
H =	.88318-002	.88464-002	.88610-002	.88757-002	.88903-002

THETA=	.40000+000	.41000+000	.42000+000	.43000+000	.44000+000
-I-			-P(I)-		
0	.93580+000	.93426+000	.93272+000	.93118+000	.92964+000
1	.62387-001	.63841-001	.65290-001	.66734-001	.68174-001
2	.17825-002	.18696-002	.19587-002	.20497-002	.21426-002
3	.29708-004	.31939-004	.34277-004	.36724-004	.39281-004
H =	.89050-002	.89197-002	.89345-002	.89492-002	.89640-002

THETA=	.45000+000	.46000+000	.47000+000	.48000+000	.49000+000
-I-			-P(I)-		
0	.92811+000	.92658+000	.92506+000	.92353+000	.92201+000
1	.69608-001	.71038-001	.72463-001	.73893-001	.75298-001
2	.22374-002	.23341-002	.24327-002	.25331-002	.26354-002
3	.41951-004	.44737-004	.47640-004	.50662-004	.53806-004
H =	.89788-002	.89936-002	.90085-002	.90233-002	.90382-002

THETA=	.50000+000	.60000+000	.70000+000	.80000+000	.90000+000
-I-			-P(I)-		
0	.92049+000	.90547+000	.89073+000	.87626+000	.86206+000
1	.76708-001	.90547-001	.10392+000	.11683+000	.12931+000
2	.27396-002	.38806-002	.51959-002	.66763-002	.83127-002
3	.57074-004	.97015-004	.15155-003	.22254-003	.31173-003
4				.49454-005	.77932-005
H =	.90531-002	.92033-002	.93556-002	.95101-002	.96668-002

DENSITY OF THE TWO-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   5

THETA=	.10000+001	.11000+001	.12000+001	.13000+001	.14000+001
-I-			---P(I)---		
0	.84812+000	.83443+000	.82100+000	.80781+000	.79486+000
1	.14135+000	.15298+000	.16420+000	.17503+000	.18547+000
2	.10097-001	.12020-001	.14074-001	.16252-001	.18547-001
3	.42069-003	.55091-003	.70371-003	.88034-003	.10319-002
4	.11686-004	.16833-004	.23457-004	.31790-004	.42074-004
H =	.98257-002	.99868-002	.10150-001	.10316-001	.10484-001

THETA=	.15000+001	.16000+001	.17000+001	.18000+001	.19000+001
-I-			---P(I)---		
0	.78215+000	.76966+000	.75741+000	.74537+000	.73355+000
1	.19554+000	.20524+000	.21460+000	.22361+000	.23229+000
2	.20950-001	.23456-001	.26058-001	.28750-001	.31525-001
3	.13094-002	.15638-002	.18458-002	.21563-002	.24957-002
4	.54558-004	.69501-004	.87163-004	.10781-003	.13172-003
5					.50054-005
H =	.10654-001	.10827-001	.11002-001	.11180-001	.11360-001

THETA=	.20000+001	.21000+001	.22000+001	.23000+001	.24000+001
-I-			---P(I)---		
0	.72194+000	.71054+000	.69935+000	.68835+000	.67755+000
1	.24065+000	.24869+000	.25643+000	.26387+000	.27102+000
2	.34378-001	.37304-001	.40296-001	.43350-001	.46460-001
3	.28649-002	.32641-002	.36938-002	.41543-002	.46460-002
4	.15916-003	.19040-003	.22573-003	.26542-003	.30974-003
5	.63663-005	.79969-005	.99321-005	.12209-004	.14867-004
H =	.11543-001	.11728-001	.11916-001	.12106-001	.12299-001

THETA=	.25000+001	.26000+001	.27000+001	.28000+001	.29000+001
-I-			---P(I)---		
0	.66694+000	.65652+000	.64628+000	.63622+000	.62634+000
1	.27789+000	.28449+000	.29082+000	.29690+000	.30273+000
2	.49623-001	.52834-001	.56068-001	.59380-001	.62708-001
3	.51691-002	.57237-002	.63099-002	.69277-002	.75773-002
4	.35897-003	.41338-003	.47324-003	.53882-003	.61039-003
5	.17948-004	.21496-004	.25555-004	.30174-004	.35403-004
H =	.12495-001	.12693-001	.12894-001	.13098-001	.13305-001

DENSITY OF THE TWO-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   5

THETA=	.30000+001	.31000+001	.32000+001	.33000+001	.34000+001
-I-			P(I)		
0	.61663+000	.60709+000	.59772+000	.58851+000	.57946+000
1	.30831+000	.31366+000	.31878+000	.32368+000	.32836+000
2	.66067-001	.69454-001	.72864-001	.76296-001	.79744-001
3	.82584-002	.89711-002	.97153-002	.10491-001	.11297-001
4	.68820-003	.77251-003	.86358-003	.96164-003	.10669-002
5	.41292-004	.47896-004	.55269-004	.63468-004	.72553-004
H =	.13514-001	.13727-001	.13942-001	.14160-001	.14381-001

THETA=	.35000+001	.36000+001	.37000+001	.38000+001	.39000+001
-I-			P(I)		
0	.57056+000	.56182+000	.55323+000	.54479+000	.53650+000
1	.33283+000	.33709+000	.34116+000	.34504+000	.34872+000
2	.83207-001	.86681-001	.90164-001	.93652-001	.97144-001
3	.12134-001	.13002-001	.13900-001	.14828-001	.15786-001
4	.11797-002	.13002-002	.14286-002	.15652-002	.17101-002
5	.82581-004	.93616-004	.10572-003	.11896-003	.13339-003
6		.51063-005	.59267-005	.68490-005	.78822-005
H =	.14605-001	.14833-001	.15063-001	.15296-001	.15533-001

THETA=	.40000+001	.41000+001	.42000+001	.43000+001	.44000+001
-I-			P(I)		
0	.52834+000	.52033+000	.51245+000	.50470+000	.49709+000
1	.35223+000	.35556+000	.35871+000	.36170+000	.36453+000
2	.10064+000	.10413+000	.10761+000	.11109+000	.11457+000
3	.16773-001	.17788-001	.18832-001	.19904-001	.21004-001
4	.18636-002	.20259-002	.21971-002	.23775-002	.25672-002
5	.14909-003	.16612-003	.18456-003	.20446-003	.22591-003
6	.90358-005	.10320-004	.11745-004	.13321-004	.15061-004
H =	.15773-001	.16016-001	.16262-001	.16511-001	.16764-001

THETA=	.45000+001	.46000+001	.47000+001	.48000+001	.49000+001
-I-			P(I)		
0	.48960+000	.48225+000	.47501+000	.46790+000	.46091+000
1	.36720+000	.36972+000	.37209+000	.37432+000	.37641+000
2	.11803+000	.12148+000	.12492+000	.12834+000	.13174+000
3	.22131-001	.23284-001	.24463-001	.25668-001	.26897-001
4	.27663-002	.29751-002	.31938-002	.34223-002	.36510-002
5	.24897-003	.27371-003	.30021-003	.32855-003	.35878-003
6	.16975-004	.19077-004	.21379-004	.23894-004	.26637-004
H =	.17021-001	.17280-001	.17543-001	.17810-001	.18080-001

DENSITY OF THE TWO-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   5

THETA=	.50000+001	.52000+001	.54000+001	.56000+001	.58000+001
-I-			--P(I)--		
0	.45403+000	.44062+000	.42765+000	.41511+000	.40298+000
1	.37836+000	.38187+000	.38489+000	.38744+000	.38955+000
2	.13513+000	.14184+000	.14846+000	.15498+000	.16138+000
3	.28152-001	.30732-001	.33403-001	.36161-001	.39001-001
4	.39100-002	.44390-002	.50104-002	.56250-002	.62836-002
5	.39100-003	.46166-003	.54113-003	.63000-003	.72889-003
6	.29621-004	.36373-004	.44274-004	.53455-004	.64054-004
H =	.18354-001	.18913-001	.19486-001	.20075-001	.20679-001

THETA=	.60000+001	.62000+001	.64000+001	.66000+001	.68000+001
-I-			--P(I)--		
0	.39125+000	.37989+000	.36891+000	.35828+000	.34798+000
1	.39125+000	.39256+000	.39350+000	.39410+000	.39438+000
2	.16768+000	.17385+000	.17989+000	.18579+000	.19156+000
3	.41919-001	.44910-001	.47970-001	.51093-001	.54274-001
4	.69866-002	.77346-002	.85280-002	.93670-002	.10252-001
5	.83839-003	.95909-003	.10916-002	.12364-002	.13943-002
6	.76217-004	.90096-004	.10585-003	.12364-003	.14365-003
7	.54441-005	.66500-005	.80648-005	.97149-005	.11629-004
H =	.21299-001	.21936-001	.22589-001	.23260-001	.23947-001

THETA=	.70000+001	.72000+001	.74000+001	.76000+001	.78000+001
-I-			--P(I)--		
0	.33802+000	.32838+000	.31904+000	.30999+000	.30123+000
1	.39436+000	.39405+000	.39348+000	.39266+000	.39161+000
2	.19718+000	.20266+000	.20798+000	.21316+000	.21818+000
3	.57511-001	.60797-001	.64128-001	.67500-001	.70908-001
4	.11183-001	.12159-001	.13182-001	.14250-001	.15364-001
5	.15656-002	.17509-002	.19509-002	.21660-002	.23967-002
6	.16605-003	.19101-003	.21874-003	.24942-003	.28325-003
7	.13837-004	.16372-004	.19270-004	.22566-004	.26302-004
H =	.24653-001	.25377-001	.26120-001	.26882-001	.27664-001

DENSITY OF THE TWO-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = S

THETA=	.80000+001	.82000+001	.84000+001	.86000+001	.88000+001
-I-			P(I)		
0	.29275+000	.28453+000	.27657+000	.26885+000	.26137+000
1	.39033+000	.38886+000	.38719+000	.38535+000	.38335+000
2	.22305+000	.22776+000	.23232+000	.23672+000	.24096+000
3	.74349-001	.77818-001	.81311-001	.84824-001	.88353-001
4	.16522-001	.17725-001	.18973-001	.20263-001	.21597-001
5	.26435-002	.29069-002	.31874-002	.34853-002	.38011-002
6	.32043-003	.36117-003	.40567-003	.45415-003	.50682-003
7	.30517-004	.35257-004	.40567-004	.46496-004	.53095-004
H =	.28466-001	.29288-001	.30131-001	.30996-001	.31883-001

THETA=	.90000+001	.92000+001	.94000+001	.96000+001	.98000+001
-I-			P(I)		
0	.25413+000	.24710+000	.24029+000	.23369+000	.22729+000
1	.38119+000	.37889+000	.37646+000	.37390+000	.37124+000
2	.24505+000	.24898+000	.25276+000	.25639+000	.25987+000
3	.91894-001	.95444-001	.98999-001	.10256+000	.10611+000
4	.22974-001	.24391-001	.25850-001	.27348-001	.28886-001
5	.41352-002	.44880-002	.48598-002	.52509-002	.56617-002
6	.56390-003	.62560-003	.69215-003	.76377-003	.84067-003
7	.60417-004	.68518-004	.77455-004	.87288-004	.98078-004
8	.52284-005	.60612-005	.70007-005	.80573-005	.92420-005
H =	.32792-001	.33724-001	.34680-001	.35660-001	.36664-001

THETA=	.10000+002	.10200+002	.10400+002	.10600+002	.10800+002
-I-			P(I)		
0	.22108+000	.21506+000	.20922+000	.20356+000	.19806+000
1	.36847+000	.36560+000	.36265+000	.35962+000	.35651+000
2	.26319+000	.26637+000	.26940+000	.27228+000	.27502+000
3	.10966+000	.11321+000	.11674+000	.12026+000	.12376+000
4	.30462-001	.32075-001	.33724-001	.35409-001	.37128-001
5	.60924-002	.65433-002	.70147-002	.75067-002	.80196-002
6	.92309-003	.10112-002	.11053-002	.12056-002	.13123-002
7	.10989-003	.12279-003	.13635-003	.15214-003	.16872-003
8	.10566-004	.12043-004	.13685-004	.15506-004	.17521-004
H =	.37694-001	.38749-001	.39830-001	.40939-001	.42075-001

DENSITY OF THE TWO-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U2 = 5$

THETA=	.11000+002	.11200+002	.11400+002	.11600+002	.11800+002
-I-			P(I)		
0	.19273+000	.18756+000	.18254+000	.17766+000	.17294+000
1	.35334+000	.35010+000	.34682+000	.34348+000	.34011+000
2	.27762+000	.28008+000	.28241+000	.28460+000	.28666+000
3	.12724+000	.13071+000	.13414+000	.13756+000	.14094+000
4	.38880-001	.40664-001	.42479-001	.44324-001	.46197-001
5	.85536-002	.91087-002	.96852-002	.10283-001	.10903-001
6	.14256-002	.15457-002	.16729-002	.18073-002	.19493-002
7	.18669-003	.20610-003	.22704-003	.24959-003	.27332-003
8	.19746-004	.22195-004	.24887-004	.27838-004	.31068-004
H =	.43239-001	.44431-001	.45653-001	.46905-001	.48188-001

THETA=	.12000+002	.12200+002	.12400+002	.12600+002	.12800+002
-I-			P(I)		
0	.16834+000	.16389+000	.15956+000	.15536+000	.15128+000
1	.33669+000	.33324+000	.32976+000	.32626+000	.32274+000
2	.28859+000	.29040+000	.29207+000	.29363+000	.29507+000
3	.14430+000	.14762+000	.15091+000	.15416+000	.15737+000
4	.48099-001	.50026-001	.51979-001	.53955-001	.55954-001
5	.11546-001	.12206-001	.12891-001	.13597-001	.14324-001
6	.20988-002	.22563-002	.24219-002	.25957-002	.27781-002
7	.29983-003	.32770-003	.35752-003	.38936-003	.42332-003
8	.34596-004	.38442-004	.42627-004	.47172-004	.52101-004
9				.47172-005	.52928-005
H =	.49502-001	.50848-001	.52226-001	.53638-001	.55085-001

THETA=	.13000+002	.13200+002	.13400+002	.13600+002	.13800+002
-I-			P(I)		
0	.14732+000	.14347+000	.13974+000	.13611+000	.13258+000
1	.31919+000	.31564+000	.31208+000	.30851+000	.30493+000
2	.29640+000	.29760+000	.29870+000	.29969+000	.30058+000
3	.16055+000	.16368+000	.16678+000	.16983+000	.17283+000
4	.57975-001	.60017-001	.62078-001	.64156-001	.66252-001
5	.15074-001	.15844-001	.16637-001	.17451-001	.18286-001
6	.29690-002	.31689-002	.33778-002	.35959-002	.38233-002
7	.45950-003	.49797-003	.53884-003	.58219-003	.62812-003
8	.57437-004	.63204-004	.69427-004	.76132-004	.83347-004
9	.59260-005	.66213-005	.73835-005	.82174-005	.91284-005
H =	.56566-001	.58083-001	.59636-001	.61227-001	.62856-001

DENSITY (; THE TWO-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 5

THETA=	.14000+002	.14200+002	.14400+002	.14600+002	.14800+002
-I-			P(I)		
0	.12915+000	.12582+000	.12259+000	.11944+000	.11639+000
1	.30136+000	.29778+000	.29421+000	.29065+000	.28709+000
2	.30136+000	.30204+000	.30262+000	.30310+000	.30350+000
3	.17579+000	.17870+000	.18157+000	.18439+000	.18716+000
4	.68363-001	.70489-001	.72628-001	.74780-001	.76942-001
5	.19142-001	.20019-001	.20917-001	.21836-001	.22775-001
6	.40604-002	.43071-002	.45637-002	.48303-002	.51071-002
7	.67673-003	.72810-003	.78235-003	.83955-003	.89982-003
8	.91098-004	.99414-004	.10832-003	.11786-003	.12805-003
9	.10122-004	.11204-004	.12380-004	.13657-004	.15041-004
H =	.64523-001	.66230-001	.67978-001	.69768-001	.71599-001

THETA=	.15000+002	.15500+002	.16000+002	.16500+002	.17000+002
-I-			P(I)		
0	.11342+000	.10635+000	.99763-001	.93621-001	.87890-001
1	.28355+000	.27474+000	.26604+000	.25746+000	.24902+000
2	.30380+000	.30418+000	.30404+000	.30343+000	.30238+000
3	.18987+000	.19645+000	.20269+000	.20861+000	.21419+000
4	.79114-001	.84581-001	.90086-001	.95612-001	.10114+000
5	.23734-001	.26220-001	.28828-001	.31552-001	.34389-001
6	.53942-002	.61578-002	.69885-002	.78880-002	.88578-002
7	.96324-003	.11363-002	.13311-002	.15494-002	.17926-002
8	.13893-003	.16935-003	.20479-003	.24582-003	.29303-003
9	.16539-004	.20832-004	.26005-004	.32191-004	.39536-004
H =	.73474-001	.78357-001	.83531-001	.89012-001	.94816-001

THETA=	.17500+002	.18000+002	.18500+002	.19000+002	.19500+002
-I-			P(I)		
0	.82540-001	.77545-001	.72879-001	.68517-001	.64439-001
1	.24074+000	.23264+000	.22471+000	.21697+000	.20943+000
2	.30093+000	.29910+000	.29694+000	.29446+000	.29170+000
3	.21943+000	.22433+000	.22889+000	.23311+000	.23701+000
4	.10667+000	.11216+000	.11762+000	.12303+000	.12838+000
5	.37333-001	.40379-001	.43521-001	.46752-001	.50068-001
6	.98989-002	.11012-001	.12199-001	.13459-001	.14793-001
7	.20623-002	.23598-002	.26867-002	.30443-002	.34340-002
8	.34702-003	.40843-003	.47792-003	.55617-003	.64388-003
9	.48197-004	.58347-004	.70171-004	.83857-004	.99648-004
10	.56230-005	.70016-005	.86544-005	.10623-004	.12954-004
H =	.10096+000	.10746+000	.11435+000	.12162+000	.12932+000

DENSITY OF THE TWO-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$$U2 = 5$$

THETA=	.20000+002	.21000+002	.22000+002	.23000+002	.24000+002
-I-			P(I)		
0	.60624-001	.53711-001	.47648-001	.42322-001	.37636-001
1	.20208+000	.18799+000	.17471+000	.16223+000	.15054+000
2	.28868+000	.28198+000	.27454+000	.26653+000	.25807+000
3	.24057+000	.24674+000	.25166+000	.25542+000	.25807+000
4	.13365+000	.14393+000	.15380+000	.16319+000	.17205+000
5	.53460-001	.60450-001	.67670-001	.75065-001	.82584-001
6	.16200-001	.19234-001	.22557-001	.26159-001	.30031-001
7	.38571-002	.48085-002	.59077-002	.71626-002	.85801-002
8	.74176-003	.97096-003	.12497-002	.15840-002	.19800-002
9	.11774-003	.16183-003	.21820-003	.28915-003	.37715-003
10	.15699-004	.22656-004	.32003-004	.44336-004	.60344-004
11				.57940-005	.82287-005
H =	.13746+000	.15515+000	.17489+000	.19690+000	.22142+000

THETA=	.25000+002	.30000+002	.35000+002	.40000+002	.45000+002
-I-			P(I)		
0	.33508-001	.19047-001	.11090-001	.65935-002	.39928-002
1	.13961+000	.95236-001	.64693-001	.43957-001	.29946-001
2	.24931+000	.20408+000	.16173+000	.12559+000	.96254-001
3	.25970+000	.25510+000	.23586+000	.20932+000	.18048+000
4	.18035+000	.21258+000	.22931+000	.23257+000	.22560+000
5	.90174-001	.12755+000	.16052+000	.18606+000	.20304+000
6	.34157-001	.57976-001	.85122-001	.11276+000	.13843+000
7	.10166-001	.20706-001	.35468-001	.53697-001	.74161-001
8	.24437-002	.59728-002	.11936-001	.20653-001	.32089-001
9	.48486-003	.14221-002	.33156-002	.65564-002	.11460-001
10	.80809-004	.28442-003	.77364-003	.17484-002	.34381-002
11	.11479-004	.48481-004	.15385-003	.39736-003	.87906-003
12		.71295-005	.26396-004	.77913-004	.19391-003
13				.13318-004	.37290-004
14					.63085-005
H =	.24870+000	.43751+000	.75141+000	.12639+001	.20871+001

DENSITY OF THE TWO-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   5

THETA=	.50000+002	.55090+002	.60000+002	.65000+002	.70000+002
-I-			P(I)		
0	.24578-002	.15353-002	.97196-003	.62283-003	.40358-003
1	.20481-001	.14074-001	.97196-002	.67473-002	.47085-002
2	.73148-001	.55290-001	.41655-001	.31327-001	.23542-001
3	.15239+000	.12671+000	.10414+000	.84844-001	.68665-001
4	.21166+000	.19358+000	.17356+000	.15319+000	.13352+000
5	.21166+000	.21294+000	.20828+000	.19915+000	.18692+000
6	.16034+000	.17745+000	.18934+000	.19613+000	.19825+000
7	.95443-001	.11619+000	.13524+000	.15177+000	.16521+000
8	.45886-001	.61444-001	.78026-001	.94854-001	.11120+000
9	.18209-001	.26821-001	.37155-001	.48933-001	.61777-001
10	.60696-002	.98344-002	.14862-001	.21204-001	.28829-001
11	.17243-002	.30732-002	.50666-002	.78311-002	.11466-001
12	.42263-003	.82857-003	.14902-002	.24952-002	.39345-002
13	.90305-004	.19475-003	.38210-003	.69311-003	.11770-002
14	.16975-004	.40268-004	.86187-004	.16937-003	.30973-003
15		.73824-005	.17237-004	.36697-004	.72271-004
16				.70991-005	.15056-004
H =	.33906+001	.54277+001	.85738+001	.13380+002	.20648+002

THETA=	.75000+002	.80000+002	.85000+002	.90000+002	.95000+002
-I-			P(I)		
0	.26422-003	.17463-003	.11644-003	.78289-004	.53045-004
1	.33027-002	.23284-002	.16495-002	.11743-002	.83988-003
2	.17693-001	.13305-001	.10016-001	.75493-002	.55992-002
3	.55291-001	.44350-001	.35472-001	.28310-001	.22559-001
4	.11519+000	.98556-001	.83753-001	.70775-001	.59532-001
5	.17278+000	.15769+000	.14238+000	.12740+000	.11311+000
6	.19634+000	.19114+000	.18337+000	.17372+000	.16281+000
7	.17531+000	.18204+000	.18555+000	.19613+000	.18413+000
8	.12642+000	.14003+000	.15165+000	.16107+000	.16820+000
9	.75252-001	.88907-001	.10231+000	.11505+000	.12681+000
10	.37626-001	.47417-001	.57973-001	.69031-001	.80316-001
11	.16034-001	.21553-001	.27998-001	.35300-001	.43352-001
12	.58948-002	.84523-002	.11666-001	.15574-001	.20189-001
13	.18894-002	.28897-002	.42376-002	.59898-002	.81962-002
14	.53272-003	.86907-003	.13541-002	.20266-002	.29272-002
15	.13318-003	.23175-003	.38367-003	.60799-003	.92695-003
16	.29727-004	.55179-004	.97059-004	.16286-003	.26209-003
17	.59614-005	.11803-004	.22059-004	.39190-004	.66572-004
18			.45290-005	.85195-005	.15276-004
H =	.31540+002	.47720+002	.71565+002	.10644+003	.15710+003

DENSITY OF THE TWO-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   5

THETA= .10000+003

-I-	P(I)
0	.36203-004
1	.60338-003
2	.43099-002
3	.17958-001
4	.49883-001
5	.99766-001
6	.15116+000
7	.17995+000
8	.17303+000
9	.13733+000
10	.91551-001
11	.52018-001
12	.25499-001
13	.10897-001
14	.40966-002
15	.13655-002
16	.40641-003
17	.13857-003
18	.26248-004
19	.57561-005
H =	.23018+003

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$$U2 = 0$$

THETA=	.00000+000	.10000-001	.20000-001	.30000-001	.40000-001
-I-			SUM-P(I)		
0	1.00000	.99007+000	.98030+000	.97066+000	.96117+000
1		.99998+000	.99990+000	.99973+000	.99961+000
2		1.00000	1.00000	1.00000	1.00000
H =	.10000+001	.10100+001	.10201+001	.10302+001	.10404+001

THETA=	.50000-001	.60000-001	.70000-001	.80000-001	.90000-001
-I-			SUM-P(I)		
0	.95181+000	.94259+000	.93350+000	.92454+000	.91571+000
1	.99940+000	.99915+000	.99885+000	.99851+000	.99813+000
2	1.00000	.99999+000	.99999+000	.99999+000	.93998+000
3		1.00000	1.00000	1.00000	1.00000
H =	.10506+001	.10609+001	.10712+001	.10816+001	.10920+001

THETA=	.10000+000	.11000+000	.12000+000	.13000+000	.14000+000
-I-			SUM-P(I)		
0	.90701+000	.89842+000	.88996+000	.88161+000	.87338+000
1	.99771+000	.99725+000	.99675+000	.99622+000	.99565+000
2	.99997+000	.99997+000	.99996+000	.99995+000	.99993+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.11025+001	.11131+001	.11236+001	.11343+001	.11450+001

THETA=	.15000+000	.16000+000	.17000+000	.18000+000	.19000+000
-I-			SUM-P(I)		
0	.86526+000	.85725+000	.84936+000	.84156+000	.83388+000
1	.99505+000	.99442+000	.99375+000	.99305+000	.99231+000
2	.99992+000	.99990+000	.99988+000	.99986+000	.99984+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.11557+001	.11665+001	.11774+001	.11883+001	.11992+001

THETA=	.20000+000	.21000+000	.22000+000	.23000+000	.24000+000
-I-			SUM-P(I)		
0	.82629+000	.81881+000	.81142+000	.80414+000	.79695+000
1	.99155+000	.99076+000	.98994+000	.98909+000	.98821+000
2	.99981+000	.99979+000	.99976+000	.99972+000	.99969+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.12102+001	.12213+001	.12324+001	.12436+001	.12548+001

#1201

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 0

THETA=	.25000+000	.26000+000	.27000+000	.28000+000	.29000+000
-I-			SUM-P(I)		
0	.78985+000	.78284+000	.77593+000	.76910+000	.76236+000
1	.98731+000	.98638+000	.98543+000	.98445+000	.98345+000
2	.99965+000	.99961+000	.99957+000	.99952+000	.99947+000
3	.99999+000	.99999+000	.99999+000	.99999+000	.99999+000
4	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.12661+001	.12774+001	.12888+001	.13002+001	.13117+001

THETA=	.30000+000	.31000+000	.32000+000	.33000+000	.34000+000
-I-			SUM-P(I)		
0	.75571+000	.74914+000	.74265+000	.73624+000	.72992+000
1	.98242+000	.98137+000	.98030+000	.97921+000	.97809+000
2	.99942+000	.99937+000	.99931+000	.99925+000	.99919+000
3	.99999+000	.99999+000	.99999+000	.99998+000	.99998+000
4	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.13233+001	.13349+001	.13465+001	.13582+001	.13700+001

THETA=	.35000+000	.36000+000	.37000+000	.38000+000	.39000+000
-I-			SUM-P(I)		
0	.72367+000	.71750+000	.71141+000	.70539+000	.69944+000
1	.97696+000	.97580+000	.97463+000	.97343+000	.97222+000
2	.99912+000	.99905+000	.99898+000	.99890+000	.99882+000
3	.99998+000	.99998+000	.99998+000	.99997+000	.99997+000
4	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.13818+001	.13937+001	.14057+001	.14177+001	.14297+001

THETA=	.40000+000	.41000+000	.42000+000	.43000+000	.44000+000
-I-			SUM-P(I)		
0	.69357+000	.68776+000	.68203+000	.67636+000	.67077+000
1	.97099+000	.96975+000	.96848+000	.96720+000	.96590+000
2	.99874+000	.99865+000	.99856+000	.99847+000	.99837+000
3	.99997+000	.99997+000	.99996+000	.99996+000	.99996+000
4	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.14418+001	.14540+001	.14662+001	.14785+001	.14908+001

THETA=	.45000+000	.46000+000	.47000+000	.48000+000	.49000+000
-I-			SUM-P(I)		
0	.66523+000	.65977+000	.65437+000	.64903+000	.64375+000
1	.96459+000	.96326+000	.96192+000	.96056+000	.95919+000
2	.99827+000	.99816+000	.99806+000	.99795+000	.99783+000
3	.99995+000	.99995+000	.99994+000	.99994+000	.99993+000
4	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.15032+001	.15157+001	.15282+001	.15408+001	.15534+001

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$$U2 = 0$$

THETA=	.50000+000	.60000+000	.70000+000	.80000+000	.90000+000
-I-			--SUM-P(I)--		
0	.63854+000	.58954+000	.54572+000	.50634+000	.47083+000
1	.95780+000	.94327+000	.92772+000	.91141+000	.89457+000
2	.99771+000	.99633+000	.99457+000	.99243+000	.98991+000
3	.99993+000	.99986+000	.99977+000	.99963+000	.99944+000
4	1.00000	1.00000	.99999+000	.99999+000	.99998+000
5			1.00000	1.00000	1.00000
H =	.15661+001	.16962+001	.18325+001	.19750+001	.21239+001

THETA=	.10000+001	.11000+001	.12000+001	.13000+001	.14000+001
-I-			--SUM-P(I)--		
0	.43868+000	.40948+000	.38288+000	.35858+000	.33633+000
1	.87735+000	.85991+000	.84234+000	.82474+000	.80719+000
2	.98702+000	.98377+000	.98017+000	.97624+000	.97199+000
3	.99921+000	.99891+000	.99855+000	.99813+000	.99763+000
4	.99997+000	.99995+000	.99993+000	.99990+000	.99987+000
5	1.00000	1.00000	1.00000	1.00000	.99999+000
6					1.00000
H =	.22796+001	.24421+001	.26118+001	.27888+001	.29733+001

THETA=	.15000+001	.16000+001	.17000+001	.18000+001	.19000+001
-I-			--SUM-P(I)--		
0	.31590+000	.29710+000	.27976+000	.26374+000	.24891+000
1	.78974+000	.77245+000	.75535+000	.73847+000	.72185+000
2	.96743+000	.96259+000	.95747+000	.95210+000	.94649+000
3	.99705+000	.99639+000	.99565+000	.99483+000	.99392+000
4	.99983+000	.99977+000	.99971+000	.99964+000	.99955+000
5	.99999+000	.99999+000	.99999+000	.99998+000	.99998+000
6	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.31656+001	.33659+001	.35745+001	.37916+001	.40175+001

THETA=	.20000+001	.21000+001	.22000+001	.23000+001	.24000+001
-I-			--SUM-P(I)--		
0	.23516+000	.22239+000	.21052+000	.19945+000	.18912+000
1	.70549+000	.68942+000	.67365+000	.65818+000	.64302+000
2	.94066+000	.93461+000	.92837+000	.92195+000	.91536+000
3	.99291+000	.99182+000	.99064+000	.98936+000	.98799+000
4	.99945+000	.99933+000	.99920+000	.99905+000	.99888+000
5	.99997+000	.99996+000	.99995+000	.99994+000	.99993+000
6	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.42524+001	.44965+001	.47503+001	.50139+001	.52875+001

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 0

THETA=	.25000+001	.26000+001	.27000+001	.28000+001	.29000+001
-I-			SUM-P(I)		
0	.17948+000	.17046+000	.16201+000	.15410+000	.14667+000
1	.62818+000	.61366+000	.59946+000	.58557+000	.57200+000
2	.90862+000	.90174+000	.89473+000	.88760+000	.88036+000
3	.98652+000	.98496+000	.98331^000	.98156+000	.97972+000
4	.99869+000	.99849+000	.99826+000	.99801+000	.99773+000
5	.99991+000	.99989+000	.99987+000	.99985+000	.99982+000
6	1.00000	.99999+000	.99999+000	.99999+000	.99999+000
7		1.00000	1.00000	1.00000	1.00000
H =	.55716+001	.58664+001	.61723+001	.64894+001	.68182+001

THETA=	.30000+001	.31000+001	.32000+001	.33000+001	.34000+001
-I-			SUM-P(I)		
0	.13968+000	.13312+000	.12694+000	.12112+000	.11563+000
1	.55874+000	.54579+000	.53314+000	.52080+000	.50876+000
2	.87303+000	.86561+000	.85811+000	.85054+000	.84292+000
3	.97779+000	.97577+000	.97365+000	.97145+000	.96916+000
4	.99743+000	.99711+000	.99676+000	.99639+000	.99598+000
5	.99979+000	.99976+000	.99972+000	.99968+000	.99963+000
6	.99999+000	.99998+000	.99998+000	.99998+000	.99997+000
7	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.71590+001	.75123+001	.78778+001	.82565+001	.86485+001

THETA=	.35000+001	.36000+001	.37000+001	.38000+001	.39000+001
-I-			SUM-P(I)		
0	.11044+000	.10555+000	.10092+000	.96548-001	.92405-001
1	.49700+000	.48553+000	.47434+000	.46343+000	.45279+000
2	.83524+000	.82752+000	.81976+000	.81197+000	.80416+000
3	.96678+000	.96431+000	.96176+000	.95913+000	.95642+000
4	.99555+000	.99509+000	.99460+000	.99408+000	.99353+000
5	.99958+000	.99952+000	.99946+000	.99939+000	.99932+000
6	.99997+000	.99997+000	.99996+000	.99995+000	.99995+000
7	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.90543+001	.94741+001	.99094+001	.10358+002	.10822+002

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$$U2 = 0$$

THETA=	.40000+001	.41000+001	.42000+001	.43000+001	.44000+001
-I-			--SUM-P(I)--		
0	.88481-001	.84760-001	.81231-001	.77882-001	.74700-001
1	.44240+000	.43228+000	.4 ?40+000	.41277+000	.40338+000
2	.79632+000	.78848+000	.7.063+000	.77278+000	.76493+000
3	.95362+000	.95075+000	.94781+000	.94478+000	.94169+000
4	.99295+000	.99233+000	.99169+000	.99101+000	.99030+000
5	.99924+000	.99915+000	.99906+000	.99896+000	.99885+000
6	.99994+000	.99993+000	.99992+000	.99991+000	.99990+000
7	1.00000	1.00000	.99999+000	.99999+000	.99999+000
8			1.00000	1.00000	1.00000
H =	.11302+002	.11798+002	.12311+002	.12840+002	.13387+002

THETA=	.45000+001	.46000+001	.47000+001	.48000+001	.49000+001
-I-			--SUM-P(I)--		
0	.71677-001	.68803-001	.66068-001	.63465-001	.60986-001
1	.39423+000	.38530+000	.37659+000	.36810+000	.35982+000
2	.75709+000	.74926+000	.74145+000	.73366+000	.72589+000
3	.93853+000	.93529+000	.93199+000	.92862+000	.92520+000
4	.98955+000	.98877+000	.98796+000	.98711+000	.98623+000
5	.99874+000	.99862+000	.99848+000	.99834+000	.99820+000
6	.99989+000	.99987+000	.99986+000	.99984+000	.99982+000
7	.99999+000	.99999+000	.99999+000	.99999+000	.99999+000
8	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.13951+002	.14534+002	.15136+002	.15757+002	.16397+002

THETA=	.50000+001	.52000+001	.54000+001	.56000+001	.58000+001
-I-			--SUM-P(I)--		
0	.58624-001	.54225-001	.50219-001	.46566-001	.43228-001
1	.35173+000	.33619+000	.32140+000	.30733+000	.29395+000
2	.71815+000	.70275+000	.68750+000	.67241+000	.65750+000
3	.92170+000	.91454+000	.90716+000	.89957+000	.89178+000
4	.98532+000	.98338+000	.98130+000	.97907+000	.97671+000
5	.99804+000	.99769+000	.99731+000	.99688+000	.99641+000
6	.99980+000	.99976+000	.99971+000	.99965+000	.99959+000
7	.99999+000	.99998+000	.99998+000	.99997+000	.99996+000
8	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.17058+002	.18442+002	.19913+002	.21475+002	.23133+002

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 0

THETA=	.60000+001	.62000+001	.64000+001	.66000+001	.68000+001
-I-			SUM-P(I)		
0	.40173-001	.37374-001	.34805-001	.32443-001	.30270-001
1	.28121+000	.26909+000	.25755+000	.24657+000	.23610+000
2	.64277+000	.62826+000	.61395+000	.59987+000	.58602+000
3	.88381+000	.87568+000	.86739+000	.85896+000	.85041+000
4	.97420+000	.97156+000	.96877+000	.96584+000	.96277+000
5	.99590+000	.99533+000	.99472+000	.99405+000	.99333+000
6	.99951+000	.99943+000	.99933+000	.99923+000	.99911+000
7	.99996+000	.99995+000	.99993+000	.99992+000	.99991+000
8	1.00000	1.00000	.99999+000	.99999+000	.99999+000
9			1.00000	1.00000	1.00000
H =	.24892+002	.26757+002	.28732+002	.30823+002	.33036+002

THETA=	.70000+001	.72000+001	.74000+001	.76000+001	.78000+001
-I-			SUM-P(I)		
0	.28267-001	.26420-001	.24713-001	.23136-001	.21675-001
1	.22614+000	.21664+000	.20759+000	.19897+000	.19074+000
2	.57241+000	.55904+000	.54592+000	.53304+000	.52042+000
3	.84174+000	.83296+000	.82410+000	.81515+000	.80614+000
4	.95957+000	.95623+000	.95276+000	.94916+000	.94543+000
5	.99256+000	.99173+000	.99084+000	.98989+000	.98888+000
6	.99897+000	.99883+000	.99867+000	.99849+000	.99830+000
7	.99989+000	.99987+000	.99985+000	.99983+000	.99980+000
8	.99999+000	.99999+000	.99999+000	.99998+000	.99998+000
9	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.35377+002	.37850+002	.40464+002	.43224+002	.46136+002

THETA=	.80000+001	.82000+001	.84000+001	.86000+001	.88000+001
-I-			SUM-P(I)		
0	.20322-001	.19066-001	.17901-001	.16818-001	.15811-001
1	.18290+000	.17541+000	.16827+000	.16145+000	.15495+000
2	.50804+000	.49592+000	.48404+000	.47242+000	.46105+000
3	.79706+000	.78793+000	.77877+000	.76957+000	.76034+000
4	.94157+000	.93759+000	.93350+000	.92928+000	.92496+000
5	.98781+000	.98668+000	.98549+000	.98423+000	.98290+000
6	.99809+000	.99786+000	.99762+000	.99735+000	.99706+000
7	.99977+000	.99973+000	.99970+000	.99965+000	.99961+000
8	.99998+000	.99997+000	.99997+000	.99996+000	.99996+000
9	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.49209+002	.52448+002	.55863+002	.59460+002	.63247+002

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   0

THETA=	.90000+001	.92000+001	.94000+001	.96000+001	.98000+001
-I-			SUM-P(I)		
0	.14873-001	.14000-001	.13185-001	.12425-001	.11716-001
1	.14873+000	.14280+000	.13713+000	.13171+000	.12653+000
2	.44992+000	.43904+000	.42839+000	.41799+000	.40783+000
3	.75110+000	.74186+000	.73261+000	.72336+000	.71413+000
4	.92052+000	.91598+000	.91133+000	.90658+000	.90174+000
5	.98151+000	.98005+000	.97853+000	.97694+000	.97528+000
6	.99676+000	.99643+000	.99608+000	.99570+000	.99530+000
7	.99956+000	.99950+000	.99944+000	.99938+000	.99930+000
8	.99995+000	.99994+000	.99994+000	.99993+000	.99992+000
9	1.00000	1.00000	.99999+000	.99999+000	.99999+000
10			1.00000	1.00000	1.00000
H =	.67234+002	.71429+002	.75841+002	.80480+002	.85355+002

THETA=	.10000+002	.10200+002	.10400+002	.10600+002	.10800+002
-I-			SUM-P(I)		
0	.11053-001	.10433-001	.98522-002	.93088-002	.87996-002
1	.12158+000	.11684+000	.11231+000	.10798+000	.10383+000
2	.39790+000	.38819+000	.37872+000	.36946+000	.36043+000
3	.70491+000	.69572+000	.68656+000	.67743+000	.66835+000
4	.89680+000	.89177+000	.88666+000	.88146+000	.87619+000
5	.97356+000	.97176+000	.96990+000	.96797+000	.96598+000
6	.99488+000	.99443+000	.99395+000	.99344+000	.99291+000
7	.99923+000	.99914+000	.99905+000	.99895+000	.99885+000
8	.99991+000	.99989+000	.99988+000	.99987+000	.99985+000
9	.99999+000	.99999+000	.99999+000	.99999+000	.99998+000
10	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.90476+002	.95854+002	.10150+003	.10743+003	.11364+003

THETA=	.11000+002	.11200+002	.11400+002	.11600+002	.11800+002
-I-			SUM-P(I)		
0	.83222-002	.78743-002	.74538-002	.70589-002	.66877-002
1	.99866-001	.96066-001	.92427-001	.88942-001	.85603-001
2	.35161+000	.34300+000	.33460+000	.32640+000	.31840+000
3	.65930+000	.65030+000	.64136+000	.63246+000	.62363+000
4	.87084+000	.86541+000	.85992+000	.85436+000	.84874+000
5	.96391+000	.96178+000	.95958+000	.95732+000	.95499+000
6	.99235+000	.99176+000	.99114+000	.99049+000	.98981+000
7	.99874+000	.99861+000	.99848+000	.99835+000	.99820+000
8	.99983+000	.99981+000	.99979+000	.99977+000	.99975+000
9	.99998+000	.99998+000	.99998+000	.99997+000	.99997+000
10	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.12016+003	.12700+003	.13416+003	.14167+003	.14953+003

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 0

THETA=	.12000+002	.12200+002	.12400+002	.12600+002	.12800+002
-I-			---SUM-P(I)---		
0	.63388-002	.60104-002	.57014-002	.54103-002	.51361-002
1	.82404-001	.79338-001	.76398-001	.73580-001	.70878-001
2	.31060+000	.30299+000	.29556+000	.28832+000	.28125+000
3	.61486+000	.60615+000	.59751+000	.58894+000	.58045+000
4	.84306+000	.83732+000	.83153+000	.82569+000	.81981+000
5	.95259+000	.95013+000	.94760+000	.94501+000	.94236+000
6	.98910+000	.98836+000	.98758+000	.98677+000	.98593+000
7	.99804+000	.99788+000	.99770+000	.99751+000	.99731+000
8	.99972+000	.99969+000	.99966+000	.99962+000	.99959+000
9	.99997+000	.99996+000	.99996+000	.99995+000	.99995+000
10	1.00000	1.00000	1.00000	1.00000	.99999+000
11					1.00000
H =	.15776+003	.16638+003	.17540+003	.18483+003	.19470+003

THETA=	.13000+002	.13200+002	.13400+002	.13600+002	.13800+002
-I-			---SUM-P(I)---		
0	.48775-002	.46337-002	.44036-002	.41864-002	.39813-002
1	.68285-001	.65798-001	.63412-001	.61121-001	.58923-001
2	.27436+000	.26764+000	.26109+000	.25470+000	.24847+000
3	.57202+000	.56368+000	.55541+000	.54722+000	.53911+000
4	.81388+000	.80791+000	.80190+000	.79586+000	.78979+000
5	.93964+000	.93686+000	.93402+000	.93112+000	.92816+000
6	.98505+000	.98414+000	.98320+000	.98222+000	.98121+000
7	.99710+000	.99688+000	.99665+000	.99640+000	.99614+000
8	.99955+000	.99951+000	.99946+000	.99942+000	.99937+000
9	.99994+000	.99994+000	.99993+000	.99992+000	.99991+000
10	.99999+000	.99999+000	.99999+000	.99999+000	.99999+000
11	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.20502+003	.21581+003	.22709+003	.23887+003	.25118+003

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$$U2 = 0$$

THETA=	.14000+002	.14200+002	.14400+002	.14600+002	.14800+002
-I-			SUM-P(I)		
0	.37875-002	.36043-002	.34310-002	.32671-002	.31121-002
1	.56812-001	.54785-001	.52838-001	.50968-001	.49171-001
2	.24240+000	.23648+000	.23070+000	.22507+000	.21959+000
3	.53109+000	.52314+000	.51529+000	.50751+000	.49983+000
4	.78369+000	.77756+000	.77141+000	.76524+000	.75905+000
5	.92515+000	.92207+000	.91894+000	.91575+000	.91251+000
6	.98016+000	.97907+000	.97795+000	.97679+000	.97560+000
7	.99587+000	.99559+000	.99529+000	.99498+000	.99455+000
8	.99931+000	.99925+000	.99919+000	.99913+000	.99906+000
9	.99991+000	.99990+000	.99989+000	.99988+000	.99986+000
10	.99999+000	.99999+000	.99999+000	.99999+000	.99998+000
11	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.26403+003	.27745+003	.29146+003	.30608+003	.32133+003

THETA=	.15000+002	.15500+002	.16000+002	.16500+002	.17000+002
-I-			SUM-P(I)		
0	.29652-002	.26311-002	.23388-002	.20825-002	.18573-002
1	.47444-001	.43414-001	.39760-001	.36444-001	.33432-001
2	.21424+000	.20145+000	.18945+000	.17819+000	.16762+000
3	.49223+000	.47361+000	.45555+000	.43805+000	.42110+000
4	.75284+000	.73728+000	.72166+000	.70603+000	.69041+000
5	.90921+000	.90075+000	.89197+000	.88289+000	.87354+000
6	.97437+000	.97113+000	.96766+000	.96396+000	.96002+000
7	.99431+000	.99339+000	.99238+000	.99126+000	.99003+000
8	.99899+000	.99879+000	.99856+000	.99829+000	.99800+000
9	.99985+000	.99982+000	.99978+000	.99973+000	.99967+000
10	.99998+000	.99998+000	.99997+000	.99996+000	.99995+000
11	1.00000	1.00000	1.00000	1.00000	.99999+000
12					1.00000
H =	.33724+003	.38006+003	.42756+003	.48019+003	.53841+003

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$$U2 = 0$$

THETA=	.17500+002	.18000+002	.18500+002	.19000+002	.19500+002
-I-			—SUM-P(I)—		
0	.16590-002	.14842-002	.13296-002	.11928-002	.10715-002
1	.30692-001	.28199-001	.25927-001	.23856-001	.21965-001
2	.15771+000	.14842+000	.13969+000	.13151+000	.12382+000
3	.40470+000	.38885+000	.37354+000	.35877+000	.34451+000
4	.67434+000	.65934+000	.64393+000	.62864+000	.61348+000
5	.86394+000	.85409+000	.84402+000	.83374+000	.82327+000
6	.95586+000	.95146+000	.94684+000	.94199+000	.93691+000
7	.99869+000	.98723+000	.98566+000	.98396+000	.98214+000
8	.99767+000	.99729+000	.99688+000	.99642+000	.99592+000
9	.99960+000	.99953+000	.99944+000	.99934+000	.99923+000
10	.99994+000	.99993+000	.99992+000	.99990+000	.99988+000
11	.99999+000	.99999+000	.99999+000	.99999+000	.99998+000
12	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.60275+003	.67378+003	.75210+003	.83837+003	.93329+003

THETA=	.20000+002	.21000+002	.22000+002	.23000+002	.24000+002
-I-			—SUM-P(I)—		
0	.96373-003	.78252-003	.63831-003	.52292-003	.43013-003
1	.20238-001	.17215-001	.14681-001	.12550-001	.10753-001
2	.11661+000	.10349+000	.91916-001	.81707-001	.72692-001
3	.33077+000	.30479+000	.28071+000	.25844+000	.23786+000
4	.59848+000	.56900+000	.54031+000	.51249+000	.48562+000
5	.81264+000	.79094+000	.76875+000	.74622+000	.72346+000
6	.93162+000	.92040+000	.90836+000	.89555+000	.88202+000
7	.98018+000	.97588+000	.97104+000	.96564+000	.95969+000
8	.99536+000	.99409+000	.99259+000	.99083+000	.98881+000
9	.99911+000	.99881+000	.99844+000	.99798+000	.99744+000
10	.99986+000	.99980+000	.99972+000	.99963+000	.99951+000
11	.99998+000	.99997+000	.99996+000	.99994+000	.99992+000
12	1.00000	1.00000	.99999+000	.99999+000	.99999+000
13			1.00000	1.00000	1.00000
H =	.10376+004	.12779+004	.15666+004	.19123+004	.23249+004

#1201

-95-

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 0

THETA=	.25000+002	.30000+002	.35000+002	.40000+002	.45000+002
-I-			SUM-P(I)		
0	.35515-003	.14329-003	.61970-004	.28327-004	.13553-004
1	.92339-002	.44420-002	.22309-002	.11614-002	.62342-003
2	.64726-001	.36683-001	.21209-001	.12482-001	.74845-002
3	.21887+000	.14415+000	.95013-001	.62852-001	.41790-001
4	.45972+000	.34565+000	.25646+000	.18875+000	.13827+000
5	.70057+000	.58746+000	.48248+000	.39019+000	.31194+000
6	.86783+000	.78896+000	.70223+000	.61401+000	.52903+000
7	.95317+000	.91233+000	.85919+000	.79672+000	.72840+000
8	.98650+000	.97016+000	.94503+000	.91091+000	.86858+000
9	.99679+000	.99158+000	.98212+000	.96730+000	.94646+000
10	.99936+000	.99801+000	.99510+000	.98986+000	.98150+000
11	.99989+000	.99960+000	.99886+000	.99732+000	.99453+000
12	.99998+000	.99993+000	.99977+000	.99939+000	.99861+000
13	1.00000	.99999+000	.99996+000	.99988+000	.99969+000
14		1.00000	.99999+000	.99998+000	.99994+000
15			1.00000	1.00000	.99999+000
16					1.00000
H =	.29157+004	.69788+004	.16137+005	.35302+005	.73786+005

THETA=	.50000+002	.55000+002	.60000+002	.65000+002	.70000+002
-I-			SUM-P(I)		
0	.67377-005	.34616-005	.18300-005	.99213-006	.55004-006
1	.34362-003	.19385-003	.11163-003	.65490-004	.39053-004
2	.45547-002	.28117-002	.17586-002	.11134-002	.71285-003
3	.27949-001	.18809-001	.12739-001	.86818-002	.59535-002
4	.10106+000	.73802-001	.53914-001	.39428-001	.28881-001
5	.24727+000	.19479+000	.15274+000	.11937+000	.93080-001
6	.45035+000	.37962+000	.31744+000	.26371+000	.21791+000
7	.65758+000	.58709+000	.51911+000	.45518+000	.39624+000
8	.81947+000	.76538+000	.70818+000	.64964+000	.59128+000
9	.91941+000	.88645+000	.84824+000	.80569+000	.75984+000
10	.96937+000	.95303+000	.93227+000	.90712+000	.87783+000
11	.99002+000	.98330+000	.97394+000	.96161+000	.94609+000
12	.99719+000	.99486+000	.99130+000	.98620+000	.97927+000
13	.99931+000	.99862+000	.99746+000	.99566+000	.99302+000
14	.99985+000	.99967+000	.99935+000	.99880+000	.99793+000
15	.99997+000	.99993+000	.99985+000	.99971+000	.99945+000
16	1.00000	.99999+000	.99997+000	.99994+000	.99987+000
17		1.00000	.99999+000	.99999+000	.99997+000
18			1.00000	1.00000	.99999+000
19					1.00000
H =	.14842+006	.28889+006	.54644+006	.10079+007	.18180+007

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   0

THETA=	.75000+002	.80000+002	.85000+002	.90000+002	.95000+002
-I-			SUM-P(I)		
0	.31113-006	.17921-006	.10494-006	.62383-007	.37603-007
1	.23646-004	.14516-004	.90247-005	.56769-005	.36098-005
2	.45117-003	.30125-003	.19857-003	.13200-003	.88451-004
3	.41072-002	.28500-002	.19887-002	.13953-002	.98399-003
4	.21198-001	.15594-001	.11499-001	.85011-002	.63013-002
5	.72470-001	.56373-001	.43834-001	.34082-001	.26507-001
6	.17929+000	.14699+000	.12018+000	.98034-001	.79827-001
7	.34278+000	.29495+000	.25262+000	.21550+000	.18320+000
8	.53438+000	.47989+000	.42851+000	.38068+000	.33665+000
9	.71178+000	.66255+000	.61309+000	.56422+000	.51662+000
10	.84484+000	.80868+000	.76998+000	.72940+000	.68760+000
11	.92731+000	.90529+000	.88019+000	.85226+000	.82183+000
12	.97026+000	.95896+000	.94525+000	.92905+000	.91039+000
13	.98932+000	.98437+000	.97797+000	.96995+000	.96017+000
14	.99662+000	.99474+000	.99216+000	.98872+000	.98430+000
15	.99905+000	.99843+000	.99752+000	.99624+000	.99449+000
16	.99976+000	.99958+000	.99930+000	.99888+000	.99827+000
17	.99995+000	.99990+000	.99982+000	.99970+000	.99951+000
18	.99999+000	.99998+000	.99996+000	.99993+000	.99988+000
19	1.00000	1.00000	.99999+000	.99998+000	.99997+000
20			1.00000	1.00000	.99999+000
21					1.00000
H =	.32141+007	.55801+007	.95294+007	.16030+008	.26594+008

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   0

THETA= .10000+003

-I-	---SUM-P(I)---
0	.22958-007
1	.23187-005
2	.59713-004
3	.69743-003
4	.46831-002
5	.20626-001
6	.64912-001
7	.15529+000
8	.29651+000
9	.47085+000
10	.64519+000
11	.79928+000
12	.88934+000
13	.94854+000
14	.97875+000
15	.99218+000
16	.99742+000
17	.99923+000
18	.99980+000
19	.99995+000
20	.99999+000
21	1.00000
H =	.43558+008

U2 =   1

THETA=	.00000+000	.10000-001	.20000-001	.30000-001	.40000-001
-I-			---SUM-P(I)---		
0	1.00000	.99502+000	.99007+000	.98515+000	.98026+000
1		.99999+000	.99997+000	.99993+000	.99987+000
2		1.00000	1.00000	1.00000	1.00000
H =	.10000+001	.10050+001	.10100+001	.10151+001	.10201+001

THETA=	.50000-001	.60000-001	.70000-001	.80000-001	.90000-001
-I-			---SUM-P(I)---		
0	.97541+000	.97059+000	.96580+000	.96104+000	.95632+000
1	.99980+000	.99971+000	.99960+000	.99948+000	.99935+000
2	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.10252+001	.10303+001	.10354+001	.10405+001	. 457+001

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 1

THETA=	.10000+000	.11000+000	.12000+000	.13000+000	.14000+000
-I-			SUM-P(I)		
0	.95162+000	.94695+000	.94232+000	.93771+000	.93314+000
1	.99920+000	.99904+000	.99886+000	.99866+000	.99846+000
2	.99999+000	.99999+000	.99999+000	.99999+000	.99998+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.10508+001	.10560+001	.10612+001	.10664+001	.10717+001

THETA=	.15000+000	.16000+000	.17000+000	.18000+000	.19000+000
-I-			SUM-P(I)		
0	.92859+000	.92408+000	.91959+000	.91513+000	.91070+000
1	.99824+000	.99800+000	.99775+000	.99749+000	.99722+000
2	.99998+000	.99997+000	.99997+000	.99996+000	.99996+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.10769+001	.10822+001	.10874+001	.10927+001	.10981+001

THETA=	.20000+000	.21000+000	.22000+000	.23000+000	.24000+000
-I-			SUM-P(I)		
0	.90630+000	.90192+000	.89758+000	.89326+000	.88897+000
1	.99693+000	.99663+000	.99631+000	.99599+000	.99565+000
2	.99995+000	.99994+000	.99993+000	.99992+000	.99991+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.11034+001	.11087+001	.11141+001	.11195+001	.11249+001

THETA=	.25000+000	.26000+000	.27000+000	.28000+000	.29000+000
-I-			SUM-P(I)		
0	.88471+000	.88047+000	.87626+000	.87208+000	.86792+000
1	.99529+000	.99493+000	.99456+000	.99417+000	.99377+000
2	.99990+000	.99989+000	.99988+000	.99987+000	.99985+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.11303+001	.11358+001	.11412+001	.11467+001	.11522+001

THETA=	.30000+000	.31000+000	.32000+000	.33000+000	.34000+000
-I-			SUM-P(I)		
0	.86379+000	.85968+000	.85560+000	.85155+000	.84752+000
1	.99336+000	.99293+000	.99250+000	.99206+000	.99160+000
2	.99984+000	.99982+000	.99980+000	.99978+000	.99976+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.11577+001	.11632+001	.11688+001	.11743+001	.11799+001

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 1

THETA=	.35000+000	.36000+000	.37000+000	.38000+000	.39000+000
-I-			—SUM-P(I)—		
0	.84352+000	.83954+000	.83558+000	.83165+000	.82775+000
1	.99113+000	.99066+000	.99017+000	.98967+000	.98916+000
2	.99974+000	.99972+000	.99970+000	.99968+000	.99965+000
3	1.00000	1.00000	.99999+000	.99999+000	.99999+000
4			1.00000	1.00000	1.00000
H =	.11855+001	.11911+001	.11968+001	.12024+001	.12081+001

THETA=	.40000+000	.41000+000	.42000+000	.43000+000	.44000+000
-I-			—SUM-P(I)—		
0	.82387+000	.82003+000	.81618+000	.81237+000	.80858+000
1	.98864+000	.98811+000	.98757+000	.98702+000	.98647+000
2	.99963+000	.99960+000	.99957+000	.99954+000	.99951+000
3	.99999+000	.99999+000	.99999+000	.99999+000	.99999+000
4	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.12138+001	.12195+001	.12252+001	.12310+001	.12367+001

THETA=	.45000+000	.46000+000	.47000+000	.48000+000	.49000+000
-I-			—SUM-P(I)—		
0	.80481+000	.80107+000	.79735+000	.79366+000	.78999+000
1	.98590+000	.98532+000	.98473+000	.98414+000	.98353+000
2	.99948+000	.99945+000	.99941+000	.99938+000	.99934+000
3	.99999+000	.99999+000	.99999+000	.99999+000	.99998+000
4	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.12425+001	.12483+001	.12541+001	.12600+001	.12658+001

THETA=	.50000+000	.60000+000	.70000+000	.80000+000	.90000+000
-I-			—SUM-P(I)—		
0	.78633+000	.75101+000	.71772+000	.68633+000	.65669+000
1	.98292+000	.97631+000	.96892+000	.96086+000	.95220+000
2	.99930+000	.99684+000	.99823+000	.99746+000	.99652+000
3	.99998+000	.99997+000	.99994+000	.99990+000	.99985+000
4	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.12717+001	.13315+001	.13933+001	.14570+001	.15228+001

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 1

THETA=	.10000+001	.11000+001	.12000+001	.13000+001	.14000+001
-I-			SUM-P(I)		
0	.62868+000	.60219+000	.57712+000	.55336+000	.53085+000
1	.94302+000	.93340+000	.92339+000	.91305+000	.90244+000
2	.99541+000	.99412+000	.99264+000	.99098+000	.98914+000
3	.99977+000	.99968+000	.99957+000	.99943+000	.99926+000
4	.99999+000	.99999+000	.99998+000	.99998+000	.99997+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.15906+001	.16606+001	.17327+001	.18071+001	.18838+001

THETA=	.15000+001	.16000+001	.17000+001	.18000+001	.19000+001
-I-			SUM-P(I)		
0	.50948+000	.48919+000	.46992+000	.45160+000	.43416+000
1	.89159+000	.88055+000	.86935+000	.85803+000	.84661+000
2	.98712+000	.98491+000	.98252+000	.97996+000	.97723+000
3	.99906+000	.99883+000	.99856+000	.99825+000	.99791+000
4	.99995+000	.99994+000	.99992+000	.99990+000	.99987+000
5	1.00000	1.00000	1.00000	1.00000	.99999+000
6					1.00000
H =	.19628+001	.20442+001	.21280+001	.22144+001	.23033+001

THETA=	.20000+001	.21000+001	.22000+001	.23000+001	.24000+001
-I-			SUM-P(I)		
0	.41757+000	.40176+000	.38669+000	.37232+000	.35862+000
1	.83513+000	.82360+000	.81205+000	.80050+000	.78896+000
2	.97432+000	.97125+000	.96802+000	.96463+000	.96109+000
3	.99752+000	.99709+000	.99661+000	.99609+000	.99552+000
4	.99984+000	.99980+000	.99976+000	.99971+000	.99965+000
5	.99999+000	.99999+000	.99999+000	.99998+000	.99998+000
6	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.23948+001	.24891+001	.25860+001	.26858+001	.27885+001

THETA=	.25000+001	.26000+001	.27000+001	.28000+001	.29000+001
-I-			SUM-P(I)		
0	.34553+000	.33303+000	.32109+000	.30967+000	.29875+000
1	.77744+000	.76597+000	.75456+000	.74321+000	.73193+000
2	.95741+000	.95358+000	.94962+000	.94552+000	.94130+000
3	.99490+000	.99423+000	.99351+000	.99273+000	.99190+000
4	.99959+000	.99951+000	.99943+000	.99934+000	.99924+000
5	.99998+000	.99997+000	.99996+000	.99996+000	.99995+000
6	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.29941+001	.30027+001	.31144+001	.32293+001	.33473+001

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$$U2 = 1$$

THETA=	.30000+001	.31000+001	.32000+001	.33000+001	.34000+001
-I-			SUM-P(I)		
0	.28830+000	.27829+000	.26871+000	.25953+000	.25073+000
1	.72074+000	.70964+000	.69864+000	.68775+000	.67696+000
2	.93696+000	.93251+000	.92794+000	.92327+000	.91850+000
3	.99102+000	.99008+000	.98909+000	.98804+000	.98693+000
4	.99913+000	.99901+000	.99887+000	.99873+000	.99857+000
5	.99994+000	.99993+000	.99992+000	.99990+000	.99989+000
6	1.00000	1.00000	1.00000	.99999+000	.99999+000
7				1.00000	1.00000
H =	.34686+001	.35934+001	.37215+001	.38531+001	.39884+001

THETA=	.35000+001	.36000+001	.37000+001	.38000+001	.39000+001
-I-			SUM-P(I)		
0	.24229+000	.23413+000	.22643+000	.21817+000	.21181+000
1	.66630+000	.65574+000	.64532+000	.63501+000	.62483+000
2	.91363+000	.90867+000	.90363+000	.89850+000	.89330+000
3	.98577+000	.98455+000	.98328+000	.98194+000	.98055+000
4	.99840+000	.99821+000	.99801+000	.99780+000	.99757+000
5	.99987+000	.99985+000	.99983+000	.99981+000	.99978+000
6	.99999+000	.99999+000	.99999+000	.99999+000	.99993+000
7	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.41273+001	.42700+001	.44164+001	.45668+001	.47212+001

THETA=	.40000+001	.41000+001	.42000+001	.43000+001	.44000+001
-I-			SUM-P(I)		
0	.20493+000	.19832+000	.19196+000	.18585+000	.17998+000
1	.61479+000	.60487+000	.59509+000	.58544+000	.57592+000
2	.88803+000	.88268+000	.87728+000	.87181+000	.86629+000
3	.97911+000	.97760+000	.97604+000	.97443+000	.97275+000
4	.99732+000	.99706+000	.99678+000	.99649+000	.99617+000
5	.99975+000	.99972+000	.99969+000	.99965+000	.99961+000
6	.99998+000	.99998+000	.99998+000	.99997+000	.99997+000
7	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.48797+001	.50424+001	.52093+001	.53806+001	.55563+001

#1201

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 1

THETA=	.45000+001	.46000+001	.47000+001	.48000+001	.49000+001
-I-			-SUM-P(I)-		
0	.17432+000	.16888+000	.16364+000	.15859+000	.15373+000
1	.56654+000	.55730+000	.54819+000	.53921+000	.53037+000
2	.86071+000	.85509+000	.84942+000	.84371+000	.83796+000
3	.97102+000	.96924+000	.96740+000	.96551+000	.96356+000
4	.99584+000	.99549+000	.99513+000	.99474+000	.99433+000
5	.99957+000	.99952+000	.99947+000	.99942+000	.99936+000
6	.99997+000	.99996+000	.99996+000	.99995+000	.99995+000
7	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.57365+001	.59214+001	.61110+001	.63055+001	.65049+001

THETA=	.50000+001	.52000+001	.54000+001	.56000+001	.58000+001
-I-			-SUM-P(I)-		
0	.14905+000	.14018+000	.13194+000	.12426+000	.11711+000
1	.52166+000	.50465+000	.48816+000	.47219+000	.45674+000
2	.83218+000	.82052+000	.80877+000	.79693+000	.78504+000
3	.96156+000	.95740+000	.95304+000	.94848+000	.94372+000
4	.99391+000	.99299+000	.99199+000	.99091+000	.98974+000
5	.99930+000	.99916+000	.99900+000	.99883+000	.99863+000
6	.99994+000	.99992+000	.99991+000	.99989+000	.99986+000
7	1.00000	.99999+000	.99999+000	.99999+000	.99999+000
8		1.00000	1.00000	1.00000	1.00000
H =	.67093+001	.71337+001	.75794+001	.80475+001	.85388+001

THETA=	.60000+001	.62000+001	.64000+001	.66000+001	.68000+001
-I-			-SUM-P(I)-		
0	.11044+000	.10422+000	.98407-001	.92971-001	.87885-001
1	.44178+000	.42730+000	.41331+000	.39978+000	.38670+000
2	.77311+000	.76116+000	.74920+000	.73726+000	.72535+000
3	.93877+000	.93365+000	.92835+000	.92288+000	.91725+000
4	.98847+000	.98712+000	.98567+000	.98413+000	.98250+000
5	.99841+000	.99817+000	.99790+000	.99761+000	.99729+000
6	.99983+000	.99980+000	.99977+000	.99973+000	.99968+000
7	.99999+000	.99998+000	.99998+000	.99998+000	.99997+000
8	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.90544+001	.95950+001	.10162+002	.10756+002	.11378+002

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   1

THETA=	.70000+001	.72000+001	.74000+001	.76000+001	.78000+001
-I-			-SUM-P(I)-		
0	.83123-001	.78660-001	.74475-001	.70548-001	.66860-001
1	.37405+000	.36184+000	.35003+000	.33863+000	.32761+000
2	.71347+000	.70165+000	.68989+000	.67820+000	.66659+000
3	.91147+000	.90553+000	.89946+000	.89326+000	.88693+000
4	.98076+000	.97893+000	.97701+000	.97498+000	.97286+000
5	.99693+000	.99655+000	.99613+000	.99569+000	.99520+000
6	.99963+000	.99957+000	.99950+000	.99943+000	.99935+000
7	.99996+000	.99996+000	.99995+000	.99994+000	.99993+000
8	1.00000	1.00000	1.00000	1.00000	.99999+000
9					1.00000
H =	.12030+002	.12713+002	.13427+002	.14175+002	.14957+002

THETA=	.80000+001	.82000+001	.84000+001	.86000+001	.88000+001
-I-			-SUM-P(I)-		
0	.63395-001	.60137-001	.57071-001	.54186-001	.51468-001
1	.31697+000	.30670+000	.29677+000	.28718+000	.27793+000
2	.65508+000	.64366+000	.63235+000	.62115+000	.61006+000
3	.88048+000	.87392+000	.86725+000	.86049+000	.85363+000
4	.97064+000	.96833+000	.96591+000	.96341+000	.96080+000
5	.99469+000	.99413+000	.99354+000	.99291+000	.99224+000
6	.99927+000	.99917+000	.99906+000	.99895+000	.99883+000
7	.99992+000	.99991+000	.99989+000	.99988+000	.99986+000
8	.99999+000	.99999+000	.99999+000	.99999+000	.99999+000
9	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.15774+002	.16629+002	.17522+002	.18455+002	.19430+002

THETA=	.90000+001	.92000+001	.94000+001	.96000+001	.98000+001
-I-			-SUM-P(I)-		
0	.48906-001	.46491-001	.44212-001	.42061-001	.40029-001
1	.26898+000	.26035+000	.25201+000	.24395+000	.23617+000
2	.59910+000	.58826+000	.57756+000	.56698+000	.55654+000
3	.84669+000	.83967+000	.83257+000	.82540+000	.81818+000
4	.95810+000	.95531+000	.95242+000	.94945+000	.94638+000
5	.99153+000	.99077+000	.98998+000	.98914+000	.98826+000
6	.99869+000	.99854+000	.99838+000	.99821+000	.99803+000
7	.99984+000	.99982+000	.99979+000	.99977+000	.99974+000
8	.99998+000	.99998+000	.99998+000	.99998+000	.99997+000
9	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.20447+002	.21510+002	.22618+002	.23775+002	.24982+002

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U2 = 1$

THETA=	.10000+002	.10200+002	.10400+002	.10600+002	.10800+002
-I-			-SUM-P(I)-		
0	.38110-001	.36295-001	.34579-001	.32955-001	.31418-001
1	.22866+000	.22140+000	.21439+000	.20762+000	.20108+000
2	.54624+000	.53608+000	.52607+000	.51619+000	.50646+000
3	.81090+000	.80356+000	.79618+000	.78877+000	.78131+000
4	.94322+000	.93998+000	.93665+000	.93323+000	.92973+000
5	.98733+000	.98636+000	.98534+000	.98427+000	.98316+000
6	.99783+000	.99762+000	.99740+000	.99716+000	.99690+000
7	.99971+000	.99967+000	.99964+000	.99959+000	.99955+000
8	.99997+000	.99996+000	.99996+000	.99995+000	.99995+000
9	1.00000	1.00000	1.00000	1.00000	.99999+000
10					1.00000
H =	.26240+002	.27552+002	.28919+002	.30344+002	.31828+002

THETA=	.11000+002	.11200+002	.11400+002	.11600+002	.11800+002
-I-			-SUM-P(I)-		
0	.29963-001	.28584-001	.27276-001	.26037-001	.24861-001
1	.19476+000	.18865+000	.18275+000	.17705+000	.17154+000
2	.49688+000	.48745+000	.47816+000	.46901+000	.46002+000
3	.77383+000	.76632+000	.75879+000	.75124+000	.74368+000
4	.92615+000	.92249+000	.91875+000	.91494+000	.91105+000
5	.98200+000	.98079+000	.97954+000	.97823+000	.97688+000
6	.99663+000	.99634+000	.99603+000	.99571+000	.99537+000
7	.99950+000	.99945+000	.99939+000	.99933+000	.99927+000
8	.99994+000	.99993+000	.99993+000	.99992+000	.99991+000
9	.99999+000	.99999+000	.99999+000	.99999+000	.99999+000
10	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.33375+002	.34985+002	.36662+002	.38407+002	.40223+002

THETA=	.12000+002	.12200+002	.12400+002	.12600+002	.12800+002
-I-			-SUM-P(I)-		
0	.23746-001	.22687-001	.21681-001	.20725-001	.19817-001
1	.16622+000	.16107+000	.15610+000	.15130+000	.14665+000
2	.45117+000	.44246+000	.43391+000	.42549+000	.41722+000
3	.73612+000	.72854+000	.72097+000	.71340+000	.70584+000
4	.90708+000	.90305+000	.89895+000	.89478+000	.89055+000
5	.97547+000	.97402+000	.97252+000	.97096+000	.96936+000
6	.99501+000	.99463+000	.99423+000	.99382+000	.99338+000
7	.99920+000	.99912+000	.99904+000	.99896+000	.99887+000
8	.99990+000	.99988+000	.99987+000	.99986+000	.99984+000
9	.99999+000	.99999+000	.99999+000	.99998+000	.99998+000
10	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.42113+002	.44079+002	.46124+002	.48250+002	.50461+002

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   1

THETA=	.13000+002	.13200+002	.13400+002	.13600+002	.13800+002
-I-			---SUM-P(I)---		
0	.18954-001	.18133-001	.17353-001	.16610-001	.15902-001
1	.14216+000	.13781+000	.13362+000	.12955+000	.12563+000
2	.40910+000	.40111+000	.39327+000	.38556+000	.37800+000
3	.69828+000	.69074+000	.68321+000	.67571+000	.66822+000
4	.88625+000	.88190+000	.87748+000	.87301+000	.86848+000
5	.96771+000	.96600+000	.96425+000	.96245+000	.96059+000
6	.99292+000	.99244+000	.99193+000	.99141+000	.99086+000
7	.99877+000	.99867+000	.99856+000	.99844+000	.99832+000
8	.99983+000	.99981+000	.99979+000	.99977+000	.99975+000
9	.99998+000	.99998+000	.99998+000	.99997+000	.99997+000
10	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.52758+002	.55147+002	.57628+002	.60206+002	.62884+002

THETA=	.14000+002	.14200+002	.14400+002	.14600+002	.14800+002
-I-			---SUM-P(I)---		
0	.15229-001	.14587-001	.13976-001	.13394-001	.12838-001
1	.12183+000	.11816+000	.11460+000	.11117+000	.10784+000
2	.37057+000	.36327+000	.35611+000	.34908+000	.34218+000
3	.66076+000	.65333+000	.64592+000	.63855+000	.63120+000
4	.86390+000	.85926+000	.85458+000	.84985+000	.84508+000
5	.95869+000	.95674+000	.95474+000	.95269+000	.95059+000
6	.99029+000	.98970+000	.98908+000	.98844+000	.98777+000
7	.99819+000	.99805+000	.99791+000	.99776+000	.99760+000
8	.99973+000	.99970+000	.99968+000	.99965+000	.99962+000
9	.99997+000	.99996+000	.99996+000	.99995+000	.99995+000
10	1.00000	1.00000	1.00000	1.00000	.99999+000
11					1.00000
H =	.65665+002	.68553+002	.71551+002	.74663+002	.77892+002

THETA=	.15000+002	.15500+002	.16000+002	.16500+002	.17000+002
-I-			---SUM-P(I)---		
0	.12309-001	.11089-001	.10003-001	.90351-002	.81707-002
1	.10462+000	.97028-001	.90029-001	.83575-001	.77621-001
2	.33541+000	.31904+000	.30343+000	.28856+000	.27440+000
3	.62390+000	.60580+000	.58796+000	.57041+000	.55317+000
4	.84026+000	.82804+000	.81559+000	.80294+000	.79012+000
5	.94844+000	.94287+000	.93699+000	.93083+000	.92439+000
6	.98708+000	.98524+000	.98324+000	.98108+000	.97874+000
7	.99743+000	.99697+000	.99646+000	.99588+000	.99524+000
8	.99959+000	.99950+000	.99939+000	.99927+000	.99913+000
9	.99994+000	.99993+000	.99991+000	.99989+000	.99987+000
10	.99999+000	.99999+000	.99999+000	.99999+000	.99998+000
11	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.81243+002	.90180+002	.99968+002	.11068+003	.12239+003

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U2 = 1$

THETA=	.17500+002	.18000+002	.18500+002	.19000+002	.19500+002
-I-			—SUM-P(I)—		
0	.73976-002	.67052-002	.60843-002	.55266-002	.50252-002
1	.72126-001	.67052-001	.62364-001	.58029-001	.54021-001
2	.26092+000	.24809+000	.23589+000	.22429+000	.21326+000
3	.53624+000	.51965+000	.50341+000	.48753+000	.47201+000
4	.77715+000	.76406+000	.75087+000	.73761+000	.72430+000
5	.91768+000	.91070+000	.90347+000	.89600+000	.88829+000
6	.97623+000	.97355+000	.97069+000	.96765+000	.96443+000
7	.99453+000	.99375+000	.99289+000	.99196+000	.99094+000
8	.99898+000	.99880+000	.99860+000	.99837+000	.99812+000
9	.99984+000	.99981+000	.99977+000	.99973+000	.99968+000
10	.99998+000	.99997+000	.99997+000	.99996+000	.99995+000
11	1.00000	1.00000	1.00000	1.00000	.99999+000
12					1.00000
H =	.13518+003	.14914+003	.16436+003	.18094+003	.19900+003

THETA=	.20000+002	.21000+002	.22000+002	.23000+002	.24000+002
-I-			—SUM-P(I)—		
0	.45738-002	.37995-002	.31679-002	.26500-002	.22239-002
1	.50311-001	.43696-001	.38014-001	.33126-001	.28911-001
2	.20277+000	.18333+000	.16573+000	.14995+000	.13566+000
3	.45687+000	.42770+000	.40003+000	.37386+000	.34916+000
4	.71097+000	.68428+000	.65770+000	.63136+000	.60536+000
5	.88036+000	.86389+000	.84666+000	.82877+000	.81031+000
6	.96103+000	.95369+000	.94564+000	.93688+000	.92743+000
7	.98984+000	.98737+000	.98452+000	.98128+000	.97763+000
8	.99784+000	.99719+000	.99640+000	.99546+000	.99436+000
9	.99962+000	.99948+000	.99931+000	.99909+000	.99882+000
10	.99994+000	.99992+000	.99989+000	.99985+000	.99979+000
11	.99999+000	.99999+000	.99998+000	.99998+000	.99997+000
12	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.21864+003	.26318+003	.31567+003	.37735+003	.44965+003

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$$U2 = 1$$

THETA=	.25000+002	.30000+002	.35000+002	.40000+002	.45000+002
-I-			SUM-P(I)		
0	.18720-002	.82337-003	.38319-003	.18670-003	.94508-004
1	.25272-001	.13174-001	.70889-002	.39206-002	.22209-002
2	.12277+000	.74927-001	.46206-001	.28813-001	.18169-001
3	.32589+000	.22931+000	.16030+000	.11179+000	.77975-001
4	.57979+000	.46088+000	.35996+000	.27774+000	.21254+000
5	.79138+000	.69246+000	.59289+000	.49901+000	.41438+000
6	.91732+000	.85786+000	.78700+000	.70974+000	.63064+000
7	.97355+000	.94648+000	.90832+000	.86027+000	.80442+000
8	.99307+000	.98340+000	.96730+000	.94389+000	.91304+000
9	.99849+000	.99571+000	.99023+000	.98106+000	.96734+000
10	.99972+000	.99905+000	.99753+000	.99457+000	.98956+000
11	.99996+000	.99983+000	.99947+000	.99867+000	.99713+000
12	.99999+000	.99997+000	.99990+000	.99972+000	.99932+000
13	1.00000	1.00000	.99998+000	.99995+000	.99986+000
14			1.00000	.99999+000	.99997+000
15				1.00000	1.00000
H =	.53420+003	.12145+004	.26097+004	.53563+004	.10581+005

THETA=	.50000+002	.55000+002	.60000+002	.65000+002	.70000+002
-I-			SUM-P(I)		
0	.49423-004	.26584-004	.14656-004	.82591-005	.47460-005
1	.12850-002	.75765-003	.45435-003	.27668-003	.17086-003
2	.11582-001	.74591-002	.48513-002	.31846-002	.21088-002
3	.54484-001	.38174-001	.26836-001	.18936-001	.13414-001
4	.16174+000	.12264+000	.92790-001	.70127-001	.52981-001
5	.34050+000	.27749+000	.22470+000	.18104+000	.14530+000
6	.55331+000	.48028+000	.41314+000	.35269+000	.29917+000
7	.74331+000	.67944+000	.61504+000	.55193+000	.49151+000
8	.87526+000	.83158+000	.78329+000	.73180+000	.67851+000
9	.94857+000	.92456+000	.89546+000	.86171+000	.82395+000
10	.98189+000	.97104+000	.95664+000	.93847+000	.91650+000
11	.99451+000	.99041+000	.98445+000	.97627+000	.96559+000
12	.99856+000	.99724+000	.99515+000	.99202+000	.98761+000
13	.99967+000	.99931+000	.99867+000	.99765+000	.99608+000
14	.99993+000	.99985+000	.99968+000	.99939+000	.99890+000
15	.99999+000	.99997+000	.99993+000	.99986+000	.99973+000
16	1.00000	.99999+000	.99999+000	.99997+000	.99994+000
17		1.00000	1.00000	.99999+000	.99999+000
18				1.00000	1.00000
H =	.20233+005	.37616+005	.68229+005	.12108+006	.21070+006

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   1

THETA=	.75000+002	.80000+002	.85000+002	.90000+002	.95000+002
-I-			SUM-P(I)		
0	.27758-005	.16497-005	.99485-006	.60806-006	.37629-006
1	.10687-003	.67637-004	.43276-004	.27971-004	.18250-004
2	.14080-002	.94746-003	.64226-003	.43841-003	.30125-003
3	.95403-002	.68130-002	.48851-002	.35167-002	.25417-002
4	.40036-001	.30275-001	.22917-001	.17369-001	.13184-001
5	.11628+000	.92841-001	.74007-001	.58927-001	.46883-001
6	.25242+000	.21201+000	.17740+000	.14798+000	.12311+000
7	.43475+000	.38226+000	.33435+000	.29110+000	.25242+000
8	.62468+000	.57142+000	.51963+000	.46999+000	.42304+000
9	.78296+000	.73957+000	.69461+000	.64889+000	.60313+000
10	.89087+000	.86185+000	.82983+000	.79526+000	.75867+000
11	.95219+000	.93597+000	.91690+000	.89506+000	.87061+000
12	.98167+000	.97397+000	.96434+000	.95264+000	.93878+000
13	.99382+000	.99068+000	.98650+000	.98111+000	.97436+000
14	.99815+000	.99704+000	.99547+000	.99331+000	.99046+000
15	.99951+000	.99916+000	.99864+000	.99789+000	.99683+000
16	.99988+000	.99979+000	.99964+000	.99940+000	.99906+000
17	.99998+000	.99995+000	.99991+000	.99985+000	.99975+000
18	1.00000	.99999+000	.99998+000	.99996+000	.99994+000
19		1.00000	1.00000	.99999+000	.99999+000
20				1.00000	1.00000
H =	.36026+006	.60618+006	.10052+007	.16446+007	.26575+007

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   1

THETA=	.10000+003
-I-	-----------SUM-P(I)-----------
0	.23594-006
1	.12013-004
2	.20830-003
3	.18440-002
4	.10023-001
5	.37285-001
6	.10219+000
7	.21810+000
8	.37909+000
9	.55796+000
10	.72058+000
11	.84377+000
12	.92273+000
13	.96612+000
14	.98679+000
15	.99539+000
16	.99856+000
17	.99959+000
18	.99990+000
19	.99998+000
20	.99999+000
21	1.00000
H =	.42455+007

U2 =   2

THETA=	.00000+000	.10000-001	.20000-001	.30000-001	.40000-001
-I-			-----SUM-P(I)-----		
0	1.00000	.99667+000	.99336+000	.99006+000	.98678+000
1		1.00000	.99998+000	.99996+000	.99993+000
2			1.00000	1.00000	1.00000
H =	.50000+000	.50167+000	.50334+000	.50502+000	.50670+000

THETA=	.50000-001	.60000-001	.70000-001	.80000-001	.90000-001
-I-			-----SUM-P(I)-----		
0	.98351+000	.98025+000	.97700+000	.97377+000	.97055+000
1	.99990+000	.99985+000	.99980+000	.99974+000	.99967+000
2	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.50839+000	.51008+000	.51177+000	.51347+000	.51517+000

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   2

THETA=	.10000+000	.11000+000	.12000+000	.13000+000	.14000+000
-I-			---SUM-P(I)---		
0	.96735+000	.96416+000	.96098+000	.95781+000	.95466+000
1	.99959+000	.99951+000	.99942+000	.99932+000	.99921+000
2	1.00000	1.00000	1.00000	.99999+000	.99999+000
3				1.00000	1.00000
H =	.51688+000	.51859+000	.52030+000	.52202+000	.52375+000

THETA=	.15000+000	.16000+000	.17000+000	.18000+000	.19000+000
-I-			---SUM-P(I)---		
0	.95152+000	.94840+000	.94528+000	.94218+000	.93909+000
1	.93910+000	.99898+000	.99885+000	.99871+000	.99857+000
2	.99999+000	.99999+000	.99999+000	.99998+000	.99998+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.52547+000	.52721+000	.52894+000	.53068+000	.53243+000

THETA=	.20000+000	.21000+000	.22000+000	.23000+000	.24000+000
-I-			---SUM-P(I)---		
0	.93602+000	.93295+000	.92990+000	.92687+000	.92384+000
1	.99842+000	.99826+000	.99810+000	.99793+000	.99775+000
2	.99998+000	.99998+000	.99997+000	.99997+000	.99996+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.53418+000	.53593+000	.53769+000	.53945+000	.54122+000

THETA=	.25000+000	.26000+000	.27000+000	.28000+000	.29000+000
-I-			---SUM-P(I)---		
0	.92083+000	.91782+000	.91484+000	.91186+000	.90889+000
1	.99756+000	.99737+000	.99717+000	.99697+000	.99675+000
2	.99996+000	.99995+000	.99995+000	.99994+000	.99994+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.54299+000	.54477+000	.54655+000	.54833+000	.55012+000

THETA=	.30000+000	.31000+000	.32000+000	.33000+000	.34000+000
-I-			---SUM-P(I)---		
0	.90594+000	.90300+000	.90007+000	.89715+000	.89425+000
1	.99653+000	.99631+000	.99608+000	.99584+000	.99559+000
2	.99993+000	.99992+000	.99992+000	.99991+000	.99990+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.55191+000	.55371+000	.55551+000	.55732+000	.55913+000

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   2

THETA=	.35000+000	.36000+000	.37000+000	.38000+000	.39000+000
-I-	----------	----------	-SUM-P(I)-	----------	----------
0	.89135+000	.88847+000	.88560+000	.88274+000	.87989+000
1	.99534+000	.99509+000	.99482+000	.99455+000	.99428+000
2	.99989+000	.99988+000	.99987+000	.99986+000	.99985+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.56095+000	.56277+000	.56459+000	.56642+000	.56825+000

THETA=	.40000+000	.41000+000	.42000+000	.43000+000	.44000+000
-I-	----------	----------	-SUM-P(I)-	----------	----------
0	.87705+000	.87423+000	.87141+000	.86861+000	.86582+000
1	.99399+000	.99371+000	.99341+000	.99311+000	.99281+000
2	.99984+000	.99983+000	.99982+000	.99980+000	.99979+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.57009+000	.57193+000	.57378+000	.57563+000	.57749+000

THETA=	.45000+000	.46000+000	.47000+000	.48000+000	.49000+000
-I-	----------	----------	-SUM-P(I)-	----------	----------
0	.86304+000	.86027+000	.85751+000	.85476+000	.85203+000
1	.99250+000	.99218+000	.99186+000	.99153+000	.99119+000
2	.99978+000	.99976+000	.99975+000	.99973+000	.99972+000
3	1.00000	1.00000	1.00000	.99999+000	.99999+000
4				1.00000	1.00000
H =	.57935+000	.58121+000	.58308+000	.58496+000	.58684+000

THETA=	.50000+000	.60000+000	.70000+000	.80000+000	.90000+000
-I-	----------	----------	-SUM-P(I)-	----------	----------
0	.84930+000	.82263+000	.79698+000	.77232+000	.74859+000
1	.99085+000	.98715+000	.98295+000	.97827+000	.97316+000
2	.99970+000	.99949+000	.99922+000	.99886+000	.99843+000
3	.99999+000	.99999+000	.99998+000	.99996+000	.99994+000
4	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.58872+000	.60781+000	.62737+000	.64740+000	.66793+000

THETA=	.10000+001	.11000+001	.12000+001	.13000+001	.14000+001
-I-	----------	----------	-SUM-P(I)-	----------	----------
0	.72574+000	.70375+000	.68257+000	.66217+000	.64250+000
1	.96766+000	.96179+000	.95560+000	.94910+000	.94233+000
2	.99790+000	.99727+000	.99655+000	.99573+000	.99481+000
3	.99991+000	.99988+000	.99983+000	.99977+000	.99970+000
4	1.00000	1.00000	.99999+000	.99999+000	.99999+000
5			1.00000	1.00000	1.00000
H =	.68893+000	.71048+000	.73252+000	.75510+000	.77821+000

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$$U2 = 2$$

THETA=	.15000+001	.16000+001	.17000+001	.18000+001	.19000+001
-I-			--SUM-P(I)--		
0	.62354+000	.60526+000	.58763+000	.57062+000	.55420+000
1	.93532+000	.92807+000	.92062+000	.91299+000	.90520+000
2	.99377+000	.99263+000	.99138+000	.99003+000	.98856+000
3	.99962+000	.99952+000	.99940+000	.99927+000	.99912+000
4	.99998+000	.99998+000	.99997+000	.99996+000	.99995+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.80187+000	.82609+000	.85087+000	.87624+000	.90220+000

THETA=	.20000+001	.21000+001	.22000+001	.23000+001	.24000+001
-I-			--SUM-P(I)--		
0	.53835+000	.52305+000	.50827+000	.49399+000	.48019+000
1	.89725+000	.88918+000	.88100+000	.87271+000	.86434+000
2	.98698+000	.98529+000	.98350+000	.98159+000	.97958+000
3	.99894+000	.99875+000	.99853+000	.99829+000	.99802+000
4	.99994+000	.99993+000	.99991+000	.99989+000	.99987+000
5	1.00000	1.00000	1.00000	.99999+000	.99999+000
6				1.00000	1.00000
H =	.92876+000	.95593+000	.98373+000	.10122+001	.10413+001

THETA=	.25000+001	.26000+001	.27000+001	.28000+001	.29000+001
-I-			--SUM-P(I)--		
0	.46685+000	.45396+000	.44149+000	.42942+000	.41776+000
1	.85589+000	.84738+000	.83882+000	.83022+000	.82159+000
2	.97747+000	.97525+000	.97292+000	.97050+000	.96798+000
3	.99773+000	.99741+000	.99706+000	.99669+000	.99628+000
4	.99984+000	.99981+000	.99978+000	.99974+000	.99970+000
5	.99999+000	.99999+000	.99999+000	.99999+000	.99998+000
6	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.10710+001	.11014+001	.11325+001	.11643+001	.11969+001

THETA=	.30000+001	.31000+001	.32000+001	.33000+001	.34000+001
-I-			--SUM-P(I)--		
0	.40647+000	.39554+000	.38496+000	.37472+000	.36480+000
1	.81293+000	.80426+000	.79558+000	.78690+000	.77823+000
2	.96536+000	.96264+000	.95983+000	.95693+000	.95394+000
3	.99584+000	.99537+000	.99487+000	.99434+000	.99377+000
4	.99965+000	.99960+000	.99954+000	.99948+000	.99941+000
5	.99998+000	.99997+000	.99997+000	.99996+000	.99996+000
6	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.12301+001	.12641+001	.12988+001	.13343+001	.13706+001

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$$U2 = 2$$

THETA=	.35000+001	.36000+001	.37000+001	.38000+001	.39000+001
-I-			SUM-P(I)		
0	.35519+000	.34588+000	.33686+000	.32811+000	.31964+000
1	.76957+000	.76093+000	.75231+000	.74372+000	.73517+000
2	.95086+000	.94770+000	.94446+000	.94114+000	.93774+000
3	.99317+000	.99253+000	.99186+000	.99115+000	.99041+000
4	.99934+000	.99925+000	.99916+000	.99907+000	.99896+000
5	.99995+000	.99995+000	.99994+000	.99993+000	.99992+000
6	1.00000	1.00000	1.00000	1.00000	.99999+000
7					1.00000
H =	.14077+001	.14456+001	.14843+001	.15239+001	.15643+001

THETA=	.40000+001	.41000+001	.42000+001	.43000+001	.44000+001
-I-			SUM-P(I)		
0	.31142+000	.30345+000	.29572+000	.28823+000	.28095+000
1	.72665+000	.71817+000	.70974+000	.70135+000	.69301+000
2	.93426+000	.93071+000	.92709+000	.92340+000	.91965+000
3	.98962+000	.98881+000	.98795+000	.98706+000	.98613+000
4	.99885+000	.99873+000	.99860+000	.99846+000	.99832+000
5	.99991+000	.99989+000	.99988+000	.99987+000	.99985+000
6	.99999+000	.99999+000	.99999+000	.99999+000	.99999+000
7	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.16055+001	.16477+001	.16908+001	.17348+001	.17797+001

THETA=	.45000+001	.46000+001	.47000+001	.48000+001	.49000+001
-I-			SUM-P(I)		
0	.27389+000	.26704+000	.26039+000	.25394+000	.24767+000
1	.68473+000	.67651+000	.66834+000	.66024+000	.65219+000
2	.91583+000	.91195+000	.90801+000	.90402+000	.89997+000
3	.98516+000	.98415+000	.98311+000	.98203+000	.98091+000
4	.99816+000	.99799+000	.99782+000	.99763+000	.99743+000
5	.99983+000	.99981+000	.99979+000	.99977+000	.99974+000
6	.99999+000	.99999+000	.99998+000	.99998+000	.99998+000
7	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.18255+001	.18724+001	.19202+001	.19690+001	.20188+001

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 2

THETA=	.50000+001	.52000+001	.54000+001	.56000+001	.58000+001
-I-			-SUM-P(I)-		
0	.24158+000	.22992+000	.21892+000	.20853+000	.19871+000
1	.64422+000	.62846+000	.61298+000	.59778+000	.58287+000
2	.89586+000	.88751+000	.87897+000	.87026+000	.86139+000
3	.97975+000	.97731+000	.97472+000	.97198+000	.96909+000
4	.99722+000	.99677+000	.99627+000	.99572+000	.99511+000
5	.99972+000	.99966+000	.99959+000	.99951+000	.99943+000
6	.99998+000	.99997+000	.99997+000	.99996+000	.99995+000
7	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.20697+001	.21746+001	.22839+001	.23978+001	.25163+001

THETA=	.60000+001	.62000+001	.64000+001	.66000+001	.68000+001
-I-			-SUM-P(I)-		
0	.18942+000	.18064+000	.17232+000	.16445+000	.15699+000
1	.56826+000	.55395+000	.53994+000	.52623+000	.51283+000
2	.85239+000	.84327+000	.83403+000	.82470+000	.81529+000
3	.96604+000	.96285+000	.95951+000	.95603+000	.95241+000
4	.99446+000	.99375+000	.99298+000	.99215+000	.99126+000
5	.99933+000	.99922+000	.99909+000	.99896+000	.99880+000
6	.99994+000	.99992+000	.99991+000	.99989+000	.99987+000
7	1.00000	.99999+000	.99999+000	.99999+000	.99999+000
8		1.00000	1.00000	1.00000	1.00000
H =	.26396+001	.27680+001	.29016+001	.30405+001	.31850+001

THETA=	.70000+001	.72000+001	.74000+001	.76000+001	.78000+001
-I-			-SUM-P(I)-		
0	.14992+000	.14321+000	.13685+000	.13081+000	.12508+000
1	.49972+000	.48692+000	.47442+000	.46221+000	.45030+000
2	.80581+000	.79626+000	.78667+000	.77704+000	.76738+000
3	.94864+000	.94474+000	.94071+000	.93655+000	.93226+000
4	.99030+000	.98929+000	.98821+000	.98706+000	.98585+000
5	.99864+000	.99845+000	.99825+000	.99803+000	.99779+000
6	.99985+000	.99983+000	.99980+000	.99977+000	.99973+000
7	.99999+000	.99998+000	.99998+000	.99998+000	.99997+000
8	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.33352+001	.34913+001	.36536+001	.38222+001	.39974+001

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 2

THETA=	.80000+001	.82000+001	.84000+001	.86000+001	.88000+001
-I-			SUM-P(I)		
0	.11964+000	.11446+000	.10954+000	.10487+000	.10042+000
1	.43867+000	.42733+000	.41627+000	.40548+000	.39497+000
2	.75770+000	.74802+000	.73833+000	.72865+000	.71898+000
3	.92785+000	.92333+000	.91868+000	.91393+000	.90906+000
4	.98457+000	.98322+000	.98181+000	.98032+000	.97876+000
5	.99754+000	.99726+000	.99695+000	.99663+000	.99628+000
6	.99970+000	.99965+000	.99961+000	.99955+000	.99950+000
7	.99997+000	.99997+000	.99996+000	.99995+000	.99995+000
8	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.41793+001	.43682+001	.45644+001	.47680+001	.49793+001

THETA=	.90000+001	.92000+001	.94000+001	.96000+001	.98000+001
-I-			SUM-P(I)		
0	.96180-001	.92148-001	.88308-001	.84649-001	.81162-001
1	.38472+000	.37474+000	.36500+000	.35553+000	.34629+000
2	.70933+000	.69971+000	.69012+000	.68058+000	.67107+000
3	.90410+000	.89903+000	.89387+000	.88861+000	.88327+000
4	.97713+000	.97543+000	.97366+000	.97182+000	.96991+000
5	.99591+000	.99552+000	.99510+000	.99465+000	.99417+000
6	.99943+000	.99937+000	.99929+000	.99921+000	.99912+000
7	.99994+000	.99993+000	.99992+000	.99991+000	.99990+000
8	.99999+000	.99999+000	.99999+000	.99999+000	.99999+000
9	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.51986+001	.54261+001	.56620+001	.59068+001	.61605+001

THETA=	.10000+002	.10200+002	.10400+002	.10600+002	.10800+002
-I-			SUM-P(I)		
0	.77838-001	.74668-001	.71644-001	.68758-001	.66004-001
1	.33730+000	.32854+000	.32001+000	.31170+000	.30362+000
2	.66162+000	.65222+000	.64288+000	.63361+000	.62440+000
3	.87784+000	.87233+000	.86674+000	.86109+000	.85536+000
4	.96793+000	.96587+000	.96375+000	.96155+000	.95929+000
5	.99367+000	.99314+000	.99257+000	.99198+000	.99136+000
6	.99903+000	.99893+000	.99882+000	.99870+000	.99858+000
7	.99988+000	.99987+000	.99985+000	.99983+000	.99981+000
8	.99999+000	.99999+000	.99998+000	.99998+000	.99998+000
9	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.64236+001	.66963+001	.69790+001	.72719+001	.75753+001

#1201

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 2

THETA=	.11000+002	.11200+002	.11400+002	.11600+002	.11800+002
-I-			—SUM-P(I)—		
0	.63374-001	.60862-001	.58463-001	.56170-001	.53978-001
1	.29575+000	.28808+000	.28062+000	.27336+000	.26629+000
2	.61526+000	.60619+000	.59720+000	.58828+000	.57945+000
3	.84956+000	.84371+000	.83779+000	.83183+000	.82581+000
4	.95695+000	.95455+000	.95208+000	.94954+000	.94693+000
5	.99071+000	.99002+000	.98930+000	.98855+000	.98777+000
6	.99844+000	.99830+000	.99814+000	.99798+000	.99781+000
7	.99979+000	.99977+000	.99974+000	.99972+000	.99969+000
8	.99998+000	.99997+000	.99997+000	.99997+000	.99996+000
9	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.78897+001	.82153+001	.85525+001	.89016+001	.92630+001

THETA=	.12000+002	.12200+002	.12400+002	.12600+002	.12800+002
-I-			—SUM-P(I)—		
0	.51882-001	.49878-001	.47961-001	.46126-001	.44370-001
1	.25941+000	.25272+000	.24620+000	.23986+000	.23368+000
2	.57070+000	.56204+000	.55347+000	.54498+000	.53656+000
3	.81974+000	.81363+000	.80747+000	.80128+000	.79506+000
4	.94426+000	.94152+000	.93871+000	.93584+000	.93291+000
5	.98695+000	.98610+000	.98521+000	.98428+000	.98332+000
6	.99762+000	.99743+000	.99722+000	.99700+000	.99677+000
7	.99965+000	.99962+000	.99958+000	.99954+000	.99950+000
8	.99996+000	.99995+000	.99995+000	.99994+000	.99994+000
9	1.00000	1.00000	.99999+000	.99999+000	.99999+000
10			1.00000	1.00000	1.00000
H =	.96372+001	.10024+002	.10425+002	.10840+002	.11269+002

THETA=	.13000+002	.13200+002	.13400+002	.13600+002	.13800+002
-I-			—SUM-P(I)—		
0	.42689-001	.41079-001	.39538-001	.38061-001	.36645-001
1	.22767+000	.22183+000	.21614+000	.21060+000	.20521+000
2	.52828+000	.52006+000	.51195+000	.50392+000	.49599+000
3	.78880+000	.78251+000	.77620+000	.76986+000	.76351+000
4	.92991+000	.92686+000	.92374+000	.92057+000	.91733+000
5	.98233+000	.98130+000	.98023+000	.97912+000	.97795+000
6	.99652+000	.99627+000	.99600+000	.99572+000	.99542+000
7	.99945+000	.99941+000	.99935+000	.99930+000	.99924+000
8	.99993+000	.99992+000	.99991+000	.99991+000	.99990+000
9	.99999+000	.99999+000	.99999+000	.99999+000	.99999+000
10	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.11713+002	.12172+002	.12646+002	.13137+002	.13644+002

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   2

THETA=	.14000+002	.14200+002	.14400+002	.14600+002	.14800+002
-I-			SUM-P(I)		
0	.35289-001	.33988-001	.32741-001	.31545-001	.30398-001
1	.19997+000	.19487+000	.18990+000	.18506+000	.18036+000
2	.48816+000	.48042+000	.47278+000	.46524+000	.45779+000
3	.75714+000	.75075+000	.74435+000	.73794+000	.73152+000
4	.91404+000	.91069+000	.90729+000	.90383+000	.90032+000
5	.97680+000	.97558+000	.97433+000	.97303+000	.97170+000
6	.99511+000	.99478+000	.99444+000	.99408+000	.99371+000
7	.99917+000	.99911+000	.99904+000	.99896+000	.99888+000
8	.99989+000	.99988+000	.99986+000	.99985+000	.99984+000
9	.99999+000	.99999+000	.99998+000	.99998+000	.99998+000
10	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.14169+002	.14711+002	.15271+002	.15850+002	.16449+002

THETA=	.15000+002	.15500+002	.16000+002	.16500+002	.17000+002
-I-			SUM-P(I)		
0	.29297-001	.26735-001	.24420-001	.22327-001	.20432-001
1	.17578+000	.16486+000	.15466+000	.14513+000	.13621+000
2	.45044+000	.43249+000	.41515+000	.39840+000	.38224+000
3	.72510+000	.70904+000	.69299+000	.67700+000	.66108+000
4	.89576+000	.88764+000	.87823+000	.86854+000	.85859+000
5	.97033+000	.96674+000	.96291+000	.95883+000	.95452+000
6	.99332+000	.99228+000	.99113+000	.98987+000	.98850+000
7	.99880+000	.99856+000	.99830+000	.99800+000	.99766+000
8	.99982+000	.99978+000	.99973+000	.99968+000	.99961+000
9	.99998+000	.99997+000	.99997+000	.99996+000	.99995+000
10	1.00000	1.00000	1.00000	1.00000	.99999+000
11					1.00000
H =	.17067+002	.18702+002	.20475+002	.22394+002	.24472+002

THETA=	.17500+002	.18000+002	.18500+002	.19000+002	.19500+002
-I-			SUM-P(I)		
0	.18714-001	.17154-001	.15738-001	.14450-001	.13278-001
1	.12788+000	.12008+000	.11279+000	.10597+000	.99586-001
2	.36667+000	.35187+000	.33722+000	.32332+000	.30996+000
3	.64526+000	.62957+000	.61402+000	.59864+000	.58345+000
4	.84840+000	.83799+000	.82739+000	.81660+000	.80565+000
5	.94997+000	.94518+000	.94017+000	.93492+000	.92946+000
6	.98700+000	.98538+000	.98364+000	.98176+000	.97975+000
7	.99729+000	.99687+000	.99640+000	.99588+000	.99532+000
8	.99954+000	.99945+000	.99935+000	.99924+000	.99911+000
9	.99993+000	.99992+000	.99990+000	.99988+000	.99986+000
10	.99999+000	.99999+000	.99999+000	.99998+000	.99998+000
11	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.26719+002	.29147+002	.31778+002	.34601+002	.37556+002

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$$U2 = 2$$

THETA=	.20000+002	.21000+002	.22000+002	.23000+002	.24000+002
-I-			SUM-P(I)		
0	.12210-001	.10347-001	.87932-002	.74920-002	.63992-002
1	.93611-001	.82779-001	.73276-001	.64930-001	.57593-001
2	.29711+000	.27291+000	.25061+000	.23007+000	.21117+000
3	.56845+000	.53910+000	.51069+000	.48327+000	.45690+000
4	.79456+000	.77202+000	.74910+000	.72593+000	.70263+000
5	.92377+000	.91176+000	.89895+000	.88539+000	.87113+000
6	.97761+000	.97290+000	.96764+000	.96180+000	.95538+000
7	.99470+000	.99328+000	.99162+000	.98969+000	.98748+000
8	.99897+000	.99863+000	.99822+000	.99771+000	.99711+000
9	.99983+000	.99977+000	.99968+000	.99958+000	.99944+000
10	.99998+000	.99997+000	.99995+000	.99993+000	.99991+000
11	1.00000	1.00000	.99999+000	.99999+000	.99999+000
12			1.00000	1.00000	1.00000
H =	.40950+002	.48321+002	.56862+002	.66738+002	.78135+002

THETA=	.25000+002	.30000+002	.35000+002	.40000+002	.45000+002
-I-			SUM-P(I)		
0	.54788-002	.26022-002	.12937-002	.66788-003	.35599-003
1	.51136-001	.28625-001	.16387-001	.95730-002	.56958-002
2	.19381+000	.12621+000	.82419-001	.54098-001	.35732-001
3	.43161+000	.32138+000	.23649+000	.17283+000	.12584+000
4	.67931+000	.56534+000	.46118+000	.37072+000	.29479+000
5	.85624+000	.77445+000	.68588+000	.59688+000	.51202+000
6	.94839+000	.90514+000	.84971+000	.78535+000	.71567+000
7	.98496+000	.96737+000	.94074+000	.90501+000	.86113+000
8	.99639+000	.99071+000	.98056+000	.96484+000	.94296+000
9	.99928+000	.99778+000	.99464+000	.98902+000	.98015+000
10	.99988+000	.99955+000	.99874+000	.99708+000	.99410+000
11	.99998+000	.99992+000	.99975+000	.99933+000	.99849+000
12	1.00000	.99999+000	.99996+000	.99987+000	.99966+000
13		1.00000	.99999+000	.99998+000	.99993+000
14			1.00000	1.00000	.99999+000
15					1.00000
H =	.91261+002	.19214+003	.38649+003	.74864+003	.14046+004

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 2

THETA=	.50000+002	.55000+002	.60000+002	.65000+002	.70000+002
-I-			----SUM-P(I)----		
0	.19503-003	.10944-003	.62734-004	.36646-004	.21775-004
1	.34495-002	.21159-002	.13174-002	.83065-003	.52986-003
2	.23761-001	.15910-001	.10727-001	.72819-002	.49756-002
3	.91480-001	.66491-001	.48368-001	.35237-001	.25722-001
4	.23256+000	.18240+000	.14247+000	.11095+000	.86234-001
5	.43410+000	.36455+000	.30378+000	.25156+000	.20726+000
6	.64404+000	.57326+000	.50543+000	.44197+000	.38375+000
7	.81066+000	.75547+000	.69747+000	.63842+000	.57985+000
8	.91480+000	.88074+000	.84150+000	.79804+000	.75144+000
9	.96740+000	.95033+000	.92879+000	.90284+000	.87276+000
10	.98931+000	.98223+000	.97244+000	.95961+000	.94354+000
11	.99697+000	.99450+000	.99075+000	.98541+000	.97818+000
12	.99925+000	.99852+000	.99729+000	.99539+000	.99262+000
13	.99984+000	.99965+000	.99930+000	.99872+000	.99780+000
14	.99997+000	.99993+000	.99984+000	.99968+000	.99942+000
15	.99999+000	.99999+000	.99997+000	.99993+000	.99986+000
16	1.00000	1.00000	.99999+000	.99999+000	.99997+000
17			1.00000	1.00000	.99999+000
18					1.00000
H =	.25637+004	.45685+004	.79702+004	.13644+005	.22962+005

THETA=	.75000+002	.80000+002	.85000+002	.90000+002	.95000+002
-I-			----SUM-P(I)----		
0	.13140-004	.80419-005	.49858-005	.31282-005	.19844-005
1	.34164-003	.22249-003	.14625-003	.96973-004	.64825-004
2	.34214-002	.23670-002	.16472-002	.11527-002	.81105-003
3	.38820-001	.13804-001	.10152-001	.74873-002	.55372-002
4	.66940-001	.51929-001	.40275-001	.31242-001	.24245-001
5	.17006+000	.13907+000	.11343+000	.92325-001	.75022-001
6	.33117+000	.28431+000	.24298+000	.20686+000	.17552+000
7	.52298+000	.46874+000	.41776+000	.37047+000	.32706+000
8	.70280+000	.65316+000	.60347+000	.55454+000	.50702+000
9	.83903+000	.80220+000	.76292+000	.72187+000	.67971+000
10	.92417+000	.90155+000	.87586+000	.84737+000	.81642+000
11	.96882+000	.95713+000	.94300+000	.92636+000	.90724+000
12	.98876+000	.98360+000	.97696+000	.96867+000	.95860+000
13	.99642+000	.99446+000	.99177+000	.98820+000	.98362+000
14	.99899+000	.99834+000	.99739+000	.99605+000	.99423+000
15	.99975+000	.99956+000	.99926+000	.99882+000	.99818+000
16	.99994+000	.99989+000	.99981+000	.99968+000	.99948+000
17	.99999+000	.99998+000	.99996+000	.99992+000	.99987+000
18	1.00000	1.00000	.99999+000	.99998+000	.99997+000
19			1.00000	1.00000	.99999+000
20					1.00000
H =	.38051+005	.62174+005	.10028+006	.15984+006	.25196+006

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$$U2 = 2$$

THETA= .10000+003

-I-	-----SUM-P(I)-----
0	.12719-005
1	.43687-004
2	.57360-003
3	.41065-002
4	.18827-001
5	.60886-001
6	.14851+000
7	.28759+000
8	.46144+000
9	.63705+000
10	.78339+000
11	.88573+000
12	.94664+000
13	.97788+000
14	.99183+000
15	.99730+000
16	.99920+000
17	.99978+000
18	.99995+000
19	.99999+000
20	1.00000
H =	.39313+006

$$U2 = 3$$

THETA=	.00000+000	.10000-001	.20000-001	.30000-001	.40000-001
-I-			SUM-P(I)		
0	1.00000	.99750+000	.99501+000	.99253+000	.99006+000
1		1.00000	.99999+000	.99998+000	.99996+000
2			1.00000	1.00000	1.00000
H =	.16667+000	.16708+000	.16750+000	.16792+000	.16834+000

THETA=	.50000-001	.60000-001	.70000-001	.80000-001	.90000-001
-I-			SUM-P(I)		
0	.98759+000	.98513+000	.98268+000	.98024+000	.97780+000
1	.99994+000	.99991+000	.99988+000	.99984+000	.99980+000
2	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.16876+000	.16918+000	.16960+000	.17003+000	.17045+000

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   3

THETA=	.10000+000	.11000+000	.12000+000	.13000+000	.14000+000
-I-			SUM-P(I)		
0	.97537+000	.97295+000	.97053+000	.96812+000	.96572+000
1	.99975+000	.99970+000	.99965+000	.99959+000	.99952+000
2	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.17088+000	.17130+000	.17173+000	.17215+000	.17258+000

THETA=	.15000+000	.16000+000	.17000+000	.18000+000	.19000+000
-I-			SUM-P(I)		
0	.96333+000	.96094+000	.95856+000	.95619+000	.95382+000
1	.99945+000	.99938+000	.99930+000	.99922+000	.99913+000
2	1.00000	.99999+000	.99999+000	.99999+000	.99999+000
3		1.00000	1.00000	1.00000	1.00000
H =	.17301+000	.17344+000	.17387+000	.17430+000	.17474+000

THETA=	.20000+000	.21000+000	.22000+000	.23000+000	.24000+000
-I-			SUM-P(I)		
0	.95146+000	.94911+000	.94677+000	.94443+000	.94210+000
1	.99904+000	.99894+000	.99884+000	.99873+000	.99863+000
2	.99999+000	.99999+000	.99999+000	.99998+000	.99998+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.17517+000	.17560+000	.17604+000	.17647+000	.17691+000

THETA=	.25000+000	.26000+000	.27000+000	.28000+000	.29000+000
-I-			SUM-P(I)		
0	.93978+000	.93746+000	.93515+000	.93284+000	.93055+000
1	.99851+000	.99839+000	.99827+000	.99814+000	.99801+000
2	.99998+000	.99998+000	.99997+000	.99997+000	.99997+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.17735+000	.17779+000	.17823+000	.17867+000	.17911+000

THETA=	.30000+000	.31000+000	.32000+000	.33000+000	.34000+000
-I-			SUM-P(I)		
0	.92826+000	.92597+000	.92370+000	.92143+000	.91916+000
1	.99788+000	.99774+000	.99759+000	.99744+000	.99729+000
2	.99996+000	.99996+000	.99996+000	.99995+000	.99995+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.17955+000	.17999+000	.18043+000	.18088+000	.18132+000

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   3

THETA=	.35000+000	.36000+000	.37000+000	.38000+000	.39000+000
-I-			—SUM-P(I)—		
0	.91691+000	.91466+000	.91241+000	.91018+000	.90795+000
1	.99714+000	.99698+000	.99681+000	.99664+000	.99647+000
2	.99994+000	.99994+000	.99993+000	.99993+000	.99992+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.18177+000	.18222+000	.18267+000	.18311+000	.18356+000

THETA=	.40000+000	.41000+000	.42000+000	.43000+000	.44000+000
-I-			—SUM-P(I)—		
0	.90572+000	.90351+000	.90130+000	.89909+000	.89689+000
1	.99630+000	.99612+000	.99593+000	.99574+000	.99555+000
2	.99992+000	.99991+000	.99991+000	.99990+000	.99989+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.18402+000	.18447+000	.18492+000	.18537+000	.18583+000

THETA=	.45000+000	.46000+000	.47000+000	.48000+000	.49000+000
-I-			—SUM-P(I)—		
0	.89470+000	.89252+000	.89034+000	.88817+000	.88600+000
1	.99536+000	.99516+000	.99495+000	.99475+000	.99453+000
2	.99988+000	.99988+000	.99987+000	.99986+000	.99985+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.18628+000	.18674+000	.18719+000	.18765+000	.18811+000

THETA=	.50000+000	.60000+000	.70000+000	.80000+000	.90000+000
-I-			—SUM-P(I)—		
0	.88384+000	.86258+000	.84194+000	.82187+000	.80238+000
1	.99432+000	.99197+000	.98927+000	.98625+000	.98291+000
2	.99984+000	.99974+000	.99959+000	.99940+000	.99916+000
3	1.00000	.99999+000	.99999+000	.99998+000	.99997+000
4		1.00000	1.00000	1.00000	1.00000
H =	.18857+000	.19322+000	.19796+000	.20279+000	.20772+000

THETA=	.10000+001	.11000+001	.12000+001	.13000+001	.14000+001
-I-			—SUM-P(I)—		
0	.78343+000	.76501+000	.74710+000	.72969+000	.71275+000
1	.97929+000	.97539+000	.97123+000	.96684+000	.96222+000
2	.99887+000	.99853+000	.99813+000	.99767+000	.99714+000
3	.99996+000	.99994+000	.99992+000	.99989+000	.99986+000
4	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.21274+000	.21786+000	.22308+000	.22841+000	.23383+000

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   3

THETA=	.15000+001	.16000+001	.17000+001	.18000+001	.19000+001
-I-			SUM-P(I)		
0	.69628+000	.68026+000	.66467+000	.64950+000	.63474+000
1	.95739+000	.95236+000	.94715+000	.94178+000	.93624+000
2	.99655+000	.99590+000	.99518+000	.99439+000	.99352+000
3	.99982+000	.99977+000	.99971+000	.99965+000	.99957+000
4	.99999+000	.99999+000	.99999+000	.99998+000	.99998+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.23937+000	.24500+000	.25075+000	.25661+000	.26258+000

THETA=	.20000+001	.21000+001	.22000+001	.23000+001	.24000+001
-I-			SUM-P(I)		
0	.62037+000	.60638+000	.59276+000	.57950+000	.56659+000
1	.93055+000	.92473+000	.91878+000	.91272+000	.90654+000
2	.99259+000	.99158+000	.99051+000	.98935+000	.98813+000
3	.99948+000	.99938+000	.99927+000	.99915+000	.99901+000
4	.99997+000	.99997+000	.99996+000	.99995+000	.99994+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.26866+000	.27485+000	.28117+000	.28760+000	.29416+000

THETA=	.25000+001	.26000+001	.27000+001	.28000+001	.29000+001
-I-			SUM-P(I)		
0	.55401+000	.54176+000	.52983+000	.51820+000	.50687+000
1	.90027+000	.89391+000	.88746+000	.88094+000	.87435+000
2	.98683+000	.98546+000	.98402+000	.98250+000	.98092+000
3	.99886+000	.99869+000	.99850+000	.99830+000	.99809+000
4	.99993+000	.99992+000	.99990+000	.99988+000	.99986+000
5	1.00000	1.00000	1.00000	.99999+000	.99999+000
6				1.00000	1.00000
H =	.30084+000	.30764+000	.31457+000	.32163+000	.32882+000

THETA=	.30000+001	.31000+001	.32000+001	.33000+001	.34000+001
-I-			SUM-P(I)		
0	.49583+000	.48506+000	.47457+000	.46435+000	.45438+000
1	.86770+000	.86099+000	.85423+000	.84743+000	.84060+000
2	.97926+000	.97753+000	.97572+000	.97385+000	.97191+000
3	.99785+000	.99760+000	.99732+000	.99703+000	.99672+000
4	.99984+000	.99982+000	.99979+000	.99976+000	.99973+000
5	.99999+000	.99999+000	.99999+000	.99999+000	.99998+000
6	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.33614+000	.34360+000	.35119+000	.35893+000	.36680+000

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3

THETA=	.35000+001	.36000+001	.37000+001	.38000+001	.39000+001
-I-			SUM-P(I)		
0	.44465+000	.43517+000	.42593+000	.41691+000	.40811+000
1	.83373+000	.82683+000	.81991+000	.81297+000	.80602+000
2	.96990+000	.96783+000	.96568+000	.96347+000	.96120+000
3	.99638+000	.99603+000	.99565+000	.99525+000	.99483+000
4	.99969+000	.99965+000	.99961+000	.99956+000	.99951+000
5	.99998+000	.99998+000	.99997+000	.99997+000	.99997+000
6	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.37482+000	.38299+000	.39130+000	.39977+000	.40639+000

THETA=	.40000+001	.41000+001	.42000+001	.43000+001	.44000+001
-I-			SUM-P(I)		
0	.39953+000	.39115+000	.38298+000	.37501+000	.36723+000
1	.79905+000	.79209+000	.78511+000	.77814+000	.77117+000
2	.95887+000	.95647+000	.95401+000	.95149+000	.94891+010
3	.99438+000	.99391+000	.99342+000	.99290+000	.99236+000
4	.99945+000	.99939+000	.99933+000	.99926+000	.99918+000
5	.99996+000	.99995+000	.99995+000	.99994+000	.99993+000
6	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.41715+000	.42609+000	.43518+000	.44444+000	.45385+000

THETA=	.45000+001	.46000+001	.47000+001	.48000+001	.49000+001
-I-			SUM-P(I)		
0	.35963+000	.35221+000	.34497+000	.33791+000	.33101+000
1	.76421+000	.75726+000	.75032+000	.74340+000	.73649+000
2	.94627+000	.94358+000	.94083+000	.93803+000	.93518+000
3	.99179+000	.99120+000	.99058+000	.98993+000	.98926+000
4	.99910+000	.99902+000	.99893+000	.99883+000	.99873+000
5	.99993+000	.99992+000	.99991+000	.99990+000	.99989+000
6	1.00000	.99999+000	.99999+000	.99999+000	.99999+000
7		1.00000	1.00000	1.00000	1.00000
H =	.46344+000	.47320+000	.48313+000	.49323+000	.50352+000

THETA=	.50000+001	.52000+001	.54000+001	.56000+001	.58000+001
-I-			SUM-P(I)		
0	.32427+000	.31126+000	.29885+000	.28700+000	.27569+000
1	.72960+000	.71590+000	.70229+000	.68881+000	.67545+000
2	.93227+000	.92631+000	.92015+000	.91382+000	.90731+000
3	.98857+000	.98709+000	.98551+000	.98382+000	.98202+000
4	.99862+000	.99838+000	.99811+000	.99782+000	.99749+000
5	.99987+000	.99985+000	.99982+000	.99978+000	.99974+000
6	.99999+000	.99999+000	.99999+000	.99998+000	.99998+000
7	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.51398+000	.53546+000	.55770+000	.58072+000	.60454+000

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$$U2 = 3$$

THETA=	.60000+001	.62000+001	.64000+001	.66000+001	.68000+001
-I-			SUM-P(I)		
0	.26489+000	.25458+000	.24472+000	.23529+000	.22628+000
1	.66223+000	.64917+000	.63626+000	.62352+000	.61096+000
2	.90064+000	.89382+000	.88685+000	.87976+000	.87253+000
3	.98011+000	.97808+000	.97595+000	.97371+000	.97135+000
4	.99714+000	.99674+000	.99632+000	.99585+000	.99535+000
5	.99969+000	.99964+000	.99958+000	.99951+000	.99943+000
6	.99997+000	.99997+000	.99996+000	.99995+000	.99995+000
7	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.62918+000	.65468+000	.68106+000	.70834+000	.73655+000

THETA=	.70000+001	.72000+001	.74000+001	.76000+001	.78000+001
-I-			SUM-P(I)		
0	.21766+000	.20941+000	.20152+000	.19397+000	.18673+000
1	.59856+000	.58636+000	.57433+000	.56250+000	.55085+000
2	.86520+000	.85776+000	.85021+000	.84258+000	.83487+000
3	.96889+000	.96631+000	.96363+000	.96084+000	.95795+000
4	.99481+000	.99423+000	.99361+000	.99294+000	.99223+000
5	.99935+000	.99926+000	.99915+000	.99904+000	.99892+000
6	.99994+000	.99993+000	.99991+000	.99990+000	.99988+000
7	1.00000	.99999+000	.99999+000	.99999+000	.99999+000
8		1.00000	1.00000	1.00000	1.00000
H =	.76572+000	.79538+000	.82705+000	.85926+000	.89255+000

THETA=	.80000+001	.82000+001	.84000+001	.86000+001	.88000+001
-I-			SUM-P(I)		
0	.17980+000	.17316+000	.16680+000	.16070+000	.15486+000
1	.53940+000	.52815+000	.51708+000	.50622+000	.49554+000
2	.82709+000	.81923+000	.81132+000	.80336+000	.79535+000
3	.95494+000	.95184+000	.94863+000	.94532+000	.94192+000
4	.99148+000	.99067+000	.98983+000	.98893+000	.98798+000
5	.99878+000	.99864+000	.99848+000	.99830+000	.99812+000
6	.99986+000	.99984+000	.99982+000	.99980+000	.99977+000
7	.99999+000	.99999+000	.99998+000	.99998+000	.99998+000
8	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.92695+000	.96249+000	.99919+000	.10371+001	.10763+001

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$$U2 = 3$$

THETA=	.90000+001	.92000+001	.94000+001	.96000+001	.98000+001
-I-			SUM-P(I)		
0	.14925+000	.14387+000	.13871+000	.13376+000	.12901+000
1	.48507+000	.47478+000	.46469+000	.45479+000	.44508+000
2	.78730+000	.77922+000	.77111+000	.76298+000	.75483+000
3	.93842+000	.93482+000	.93113+000	.92735+000	.92348+000
4	.98699+000	.98594+000	.98485+000	.98370+000	.98250+000
5	.99792+000	.99770+000	.99747+000	.99723+000	.99696+000
6	.99974+000	.99971+000	.99967+000	.99963+000	.99959+000
7	.99997+000	.99997+000	.99997+000	.99996+000	.99996+000
8	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.11167+001	.11584+001	.12015+001	.12460+001	.12919+001

THETA=	.10000+002	.10200+002	.10400+002	.10600+002	.10800+002
-I-			SUM-P(I)		
0	.12445+000	.12006+000	.11586+000	.11181+000	.10793+000
1	.43556+000	.42623+000	.41708+000	.40812+000	.39933+000
2	.74668+000	.73852+000	.73036+000	.72220+000	.71405+000
3	.91952+000	.91548+000	.91136+000	.90716+000	.90288+000
4	.98125+000	.97995+000	.97859+000	.97718+000	.97571+000
5	.99668+000	.99638+000	.99607+000	.99573+000	.99538+000
6	.99954+000	.99949+000	.99943+000	.99937+000	.99931+000
7	.99995+000	.99994+000	.99993+000	.99993+000	.99992+000
8	1.00000	.99999+000	.99999+000	.99999+000	.99999+000
9		1.00000	1.00000	1.00000	1.00000
H =	.13393+001	.13881+001	.14386+001	.14906+001	.15442+001

THETA=	.11000+002	.11200+002	.11400+002	.11600+002	.11800+002
-I-			SUM-P(I)		
0	.10419+000	.10060+000	.97153-001	.93834-001	.90642-001
1	.39073+000	.38230+000	.37404+000	.36595+000	.35804+000
2	.70591+000	.69779+000	.68969+000	.68161+000	.67356+000
3	.89852+000	.89410+000	.88960+000	.88504+000	.88041+000
4	.97419+000	.97262+000	.97099+000	.96931+000	.96758+000
5	.99500+000	.99461+000	.99419+000	.99375+000	.99329+000
6	.99924+000	.99917+000	.99909+000	.99900+000	.99891+000
7	.99991+000	.99990+000	.99988+000	.99987+000	.99986+000
8	.99999+000	.99999+000	.99999+000	.99999+000	.99998+000
9	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.15996+001	.16567+001	.17155+001	.17762+001	.18387+001

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3

THETA=	.12000+002	.12200+002	.12400+002	.12600+002	.12800+002
-I-			--SUM-P(I)--		
0	.87571-001	.84617-001	.81773-001	.79036-001	.76401-001
1	.35029+000	.34270+000	.33527+000	.32800+000	.32088+000
2	.66554+000	.65756+000	.64960+000	.64169+000	.63382+000
3	.87571+000	.87096+000	.86615+000	.86128+000	.85636+000
4	.96579+000	.96394+000	.96204+000	.96009+000	.95809+000
5	.99281+000	.99230+000	.99177+000	.99122+000	.99064+000
6	.99881+000	.99871+000	.99860+000	.99848+000	.99836+000
7	.99984+000	.99983+000	.99981+000	.99979+000	.99977+000
8	.99998+000	.99998+000	.99998+000	.99998+000	.99997+000
9	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.19032+001	.19697+001	.20382+001	.21087+001	.21815+001

THETA=	.13000+002	.13200+002	.13400+002	.13600+002	.13800+002
-I-			--SUM-P(I)--		
0	.73864-001	.71421-001	.69067-001	.66800-001	.64615-001
1	.31392+000	.30711+000	.30044+000	.29392+000	.28754+000
2	.62600+000	.61822+000	.61048+000	.60280+000	.59517+000
3	.85138+000	.84636+000	.84129+000	.83618+000	.83102+000
4	.95603+000	.95392+000	.95175+000	.94953+000	.94727+000
5	.99004+000	.98941+000	.98876+000	.98808+000	.98737+000
6	.99822+000	.99809+000	.99794+000	.99778+000	.99762+000
7	.99975+000	.99972+000	.99970+000	.99967+000	.99964+000
8	.99997+000	.99997+000	.99996+000	.99996+000	.99995+000
9	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.22564+001	.23336+001	.24131+001	.24950+001	.25794+001

THETA=	.14000+002	.14200+002	.14400+002	.14600+002	.14800+002
-I-			--SUM-P(I)--		
0	.62510-001	.60481-001	.58525-001	.56639-001	.54821-001
1	.28130+000	.27519+000	.26922+000	.26337+000	.25766+000
2	.58760+000	.58007+000	.57261+000	.56520+000	.55786+000
3	.82583+000	.82059+000	.81533+000	.81002+000	.80469+000
4	.94494+000	.94257+000	.94015+000	.93768+000	.93516+000
5	.98664+000	.98588+000	.98509+000	.98427+000	.98343+000
6	.99744+000	.99726+000	.99707+000	.99687+000	.99666+000
7	.99961+000	.99957+000	.99954+000	.99950+000	.99946+000
8	.99995+000	.99995+000	.99994+000	.99993+000	.99993+000
9	.99999+000	.99999+000	.99999+000	.99999+000	.99999+000
10	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.26662+001	.27557+001	.28478+001	.29426+001	.30402+001

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3

THETA=	.15000+002	.15500+002	.16000+002	.16500+002	.17000+002
-I-			SUM-P(I)		
0	.53067-001	.48949-001	.45183-001	.41736-001	.38577-001
1	.25207+000	.23863+000	.22592+000	.21390+000	.20253+000
2	.55057+000	.53263+000	.51509+000	.49796+000	.48125+000
3	.79932+000	.78580+000	.77213+000	.75835+000	.74449+000
4	.93259+000	.92595+000	.91901+000	.91180+000	.90431+000
5	.98256+000	.98025+000	.97777+000	.97510+000	.97224+000
6	.99644+000	.99584+000	.99518+000	.99444+000	.99362+000
7	.99941+000	.99929+000	.99915+000	.99900+000	.99882+000
8	.99992+000	.99990+000	.99988+000	.99985+000	.99982+000
9	.99999+000	.99999+000	.99999+000	.99998+000	.99998+000
10	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.31407+002	.34049+001	.36987+001	.39934+001	.43203+001

THETA=	.17500+002	.18000+002	.18500+002	.19000+002	.19500+002
-I-			SUM-P(I)		
0	.35681-001	.33024-001	.30583-001	.28340-001	.26276-001
1	.19179+000	.18163+000	.17203+000	.16295+000	.15437+000
2	.46497+000	.44912+000	.43370+000	.41872+000	.40416+000
3	.73057+000	.71661+000	.70265+000	.68869+000	.67477+000
4	.89657+000	.88857+000	.88034+000	.87189+000	.86323+000
5	.96919+000	.96596+000	.96253+000	.95891+000	.95510+000
6	.99273+000	.99175+000	.99068+000	.98953+000	.98828+000
7	.99861+000	.99838+000	.99812+000	.99784+000	.99752+000
8	.99978+000	.99974+000	.99969+000	.99963+000	.99957+000
9	.99997+000	.99996+000	.99996+000	.99995+000	.99994+000
10	1.00000	1.00000	.99999+000	.99999+000	.99999+000
11			1.00000	1.00000	1.00000
H =	.46710+001	.50469+001	.54497+001	.58810+001	.63428+001

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3

THETA=	.20000+002	.21000+002	.22000+002	.23000+002	.24000+002
-I-	------------------------------SUM-P(I)------------------------------
0	.24377-001	.21016-001	.18157-001	.15718-001	.13634-001
1	.14626+000	.13135+000	.11802+000	.10610+000	.95438-001
2	.39004+000	.36305+000	.33771+000	.31397+000	.29177+000
3	.66090+000	.63337+000	.60623+000	.57959+000	.55354+000
4	.85437+000	.83611+000	.81721+000	.79778+000	.77792+000
5	.95110+000	.94254+000	.93325+000	.92324+000	.91254+000
6	.98693+000	.98394+000	.98052+000	.97667+000	.97238+000
7	.99717+000	.99635+000	.99538+000	.99423+000	.99289+000
8	.99949+000	.99932+000	.99909+000	.99882+000	.99849+000
9	.99992+000	.99989+000	.99985+000	.99980+000	.99973+000
10	.99999+000	.99999+000	.99998+000	.99997+000	.99996+000
11	1.00000	1.00000	1.00000	1.00000	.99999+000
12					1.00000
H =	.68370+001	.79305+001	.91794+001	.10603+002	.12224+002

THETA=	.25000+002	.30000+002	.35000+002	.40000+002	.45000+002
-I-	------------------------------SUM-P(I)------------------------------
0	.11848-001	.60224-002	.31760-002	.17275-002	.96500-003
1	.85898-001	.51190-001	.30966-001	.19003-001	.11821-001
2	.27102+000	.18669+000	.12823+000	.88105-001	.60674-001
3	.52814+000	.41253+000	.31735+000	.24166+000	.18281+000
4	.75771+000	.65451+000	.55376+000	.46104+000	.37909+000
5	.90119+000	.83598+000	.76061+000	.68041+000	.59991+000
6	.96762+000	.93680+000	.89468+000	.84290+000	.78393+000
7	.99134+000	.98001+000	.96172+000	.93576+000	.90222+000
8	.99808+000	.99474+000	.98838+000	.97797+000	.96271+000
9	.99964+000	.99884+000	.99702+000	.99360+000	.98792+000
10	.99994+000	.99978+000	.99935+000	.99841+000	.99664+000
11	.99999+000	.99996+000	.99988+000	.99966+000	.99919+000
12	1.00000	.99999+000	.99998+000	.99994+000	.99983+000
13		1.00000	1.00000	.99999+000	.99997+000
14				1.00000	.99999+000
15					1.00000
H =	.14067+002	.27674+002	.52478+002	.96476+002	.17271+003

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U2 = 3$

THETA=	.50000+002	.55000+002	.60000+002	.65000+002	.70000+002
-I-			—SUM-P(I)—		
0	.55166-003	.32187-003	.19125-003	.11551-003	.70803-004
1	.74474-002	.47476-002	.30599-002	.19925-002	.13098-002
2	.41926-001	.29089-001	.20272-001	.14193-001	.99832-002
3	.13770+000	.10347+000	.77646-001	.58249-001	.43713-001
4	.30873+000	.24956+000	.20059+000	.16052+000	.12804+000
5	.52251+000	.45045+000	.38501+000	.32672+000	.27560+000
6	.72045+000	.65505+000	.58991+000	.52677+000	.46689+000
7	.86184+000	.81581+000	.76555+000	.71253+000	.65818+000
8	.94218+000	.91629+000	.88530+000	.84974+000	.81035+000
9	.97937+000	.96745+000	.95182+000	.93232+000	.90697+000
10	.99368+000	.98910+000	.98253+000	.97361+000	.96208+000
11	.99832+000	.99683+000	.99449+000	.99104+000	.98621+000
12	.99961+000	.99920+000	.99848+000	.99733+000	.99560+000
13	.99992+000	.99982+000	.99963+000	.99930+000	.99876+000
14	.99999+000	.99996+000	.99992+000	.99984+000	.99969+000
15	1.00000	.99999+000	.99998+000	.99997+000	.99993+000
16		1.00000	1.00000	.99999+000	.99999+000
17				1.00000	1.00000
H =	.30212+003	.51781+003	.87148+003	.14429+004	.23540+004

THETA=	.75000+002	.80000+002	.85000+002	.90000+002	.95000+002
-I-			—SUM-P(I)—		
0	.43990-004	.27672-004	.17607-004	.11322-004	.73519-005
1	.86881-003	.58112-003	.39176-003	.26606-003	.18196-003
2	.70550-002	.50087-002	.35720-002	.25587-002	.18407-002
3	.32831-001	.24687-001	.18590-001	.14022-001	.10595-001
4	.10187+000	.80910-001	.64180-001	.50868-001	.40299-001
5	.23133+000	.19336+000	.16106+000	.13377+000	.11084+000
6	.41112+000	.35994+000	.31355+000	.27194+000	.23495+000
7	.60376+000	.55033+000	.49873+000	.44960+000	.40338+000
8	.76794+000	.72340+000	.67758+000	.63128+000	.58521+000
9	.88196+000	.85161+000	.81835+000	.78269+000	.74516+000
10	.94773+000	.93050+000	.91039+000	.88751+000	.86204+000
11	.97977+000	.97149+000	.96120+000	.94877+000	.93414+000
12	.99312+000	.98970+000	.98519+000	.97940+000	.97220+000
13	.99793+000	.99671+000	.99499+000	.99265+000	.98958+000
14	.99945+000	.99906+000	.99849+000	.99766+000	.99651+000
15	.99987+000	.99976+000	.99959+000	.99934+000	.99896+000
16	.99997+000	.99995+000	.99990+000	.99983+000	.99972+000
17	.99999+000	.99999+000	.99998+000	.99996+000	.99993+000
18	1.00000	1.00000	1.00000	.99999+000	.99998+000
19				1.00000	1.00000
H =	.37887+004	.60229+004	.94659+004	.14721+005	.22670+005

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3

THETA= .10000+003

-I-	---SUM-P(I)---
0	.48180-005
1	.12527-003
2	.13298-002
3	.80215-002
4	.31920-001
5	.91667-001
6	.20231+000
7	.36037+000
8	.53999+000
9	.70630+000
10	.83423+000
11	.91730+000
12	.96345+000
13	.98568+000
14	.99496+000
15	.99841+000
16	.99955+000
17	.99988+000
18	.99997+000
19	.99999+000
20	1.00000
H =	.34592+005

U2 = 4

THETA=	.00000+000	.10000-001	.20000-001	.30000-001	.40000-001
-I-			---SUM-P(I)---		
0	1.00000	.99800+000	.99601+000	.99402+000	.99204+000
1		1.00000	.99999+000	.99999+000	.99997+000
2			1.00000	1.00000	1.00000
H =	.41667-001	.41750-001	.41834-001	.41917-001	.42001-001

THETA=	.50000-001	.60000-001	.70000-001	.80000-001	.90000-001
-I-			---SUM-P(I)---		
0	.99006+000	.98808+000	.98611+000	.98415+000	.98219+000
1	.99996+000	.99994+000	.99992+000	.99989+000	.99987+000
2	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.42085-001	.42169-001	.42253-001	.42338-001	.42422-001

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   4

THETA=	.10000+000	.11000+000	.12000+000	.13000+000	.14000+000
-I-	\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-SUM-P(I)\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-				
0	.98023+000	.97828+000	.97633+000	.97439+000	.97245+000
1	.99984+000	.99980+000	.99976+000	.99972+000	.99968+000
2	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.42507-001	.42592-001	.42677-001	.42762-001	.42847-001

THETA=	.15000+000	.16000+000	.17000+000	.18000+000	.19000+000
-I-	\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-SUM-P(I)\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-				
0	.97052+000	.96859+000	.96666+000	.96474+000	.96283+000
1	.99963+000	.99958+000	.99953+000	.99947+000	.99942+000
2	1.00000	1.00000	1.00000	1.00000	.99999+000
3					1.00000
H =	.42932-001	.43018-001	.43104-001	.43189-001	.43275-001

THETA=	.20000+000	.21000+000	.22000+000	.23000+000	.24000+000
-I-	\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-SUM-P(I)\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-				
0	.96092+000	.95901+000	.95711+000	.95521+000	.95332+000
1	.99935+000	.99929+000	.99922+000	.99915+000	.99907+000
2	.99999+000	.99999+000	.99999+000	.99999+000	.99999+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.43361-001	.43448-001	.43534-001	.43620-001	.43707-001

THETA=	.25000+000	.26000+000	.27000+000	.28000+000	.29000+000
-I-	\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-SUM-P(I)\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-				
0	.95143+000	.94954+000	.94766+000	.94578+000	.94391+000
1	.99900+000	.99892+000	.99883+000	.99875+000	.99866+000
2	.99999+000	.99999+000	.99999+000	.99998+000	.99998+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.43794-001	.43881-001	.43968-001	.44055-001	.44143-001

THETA=	.30000+000	.31000+000	.32000+000	.33000+000	.34000+000
-I-	\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-SUM-P(I)\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-				
0	.94204+000	.94018+000	.93832+000	.93647+000	.93462+000
1	.99857+000	.99847+000	.99837+000	.99827+000	.99817+000
2	.99998+000	.99998+000	.99998+000	.99997+000	.99997+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.44230-001	.44318-001	.44406-001	.44493-001	.44582-001

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$$U2 = 4$$

THETA=	.35000+000	.36000+000	.37000+000	.38000+000	.39000+000
-I-			--SUM-P(I)--		
0	.93277+000	.93093+000	.92909+000	.92726+000	.92543+000
1	.99806+000	.99795+000	.99784+000	.93773+000	.99761+000
2	.99997+000	.99997+000	.99996+000	.99996+000	.99996+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.44670-001	.44758-001	.44847-001	.44935-001	.45024-001

THETA=	.40000+000	.41000+000	.42000+000	.43000+000	.44000+000
-I-			--SUM-P(I)--		
0	.92360+000	.92178+000	.91996+000	.91815+000	.91634+000
1	.99749+000	.99737+000	.99724+000	.99711+000	.99698+000
2	.99995+000	.99995+000	.99995+000	.99994+000	.99994+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.45113-001	.45202-001	.45292-001	.45381-001	.45471-001

THETA=	.45000+000	.46000+000	.47000+000	.48000+000	.49000+000
-I-			--SUM-P(I)--		
0	.91454+000	.91274+000	.91094+000	.90915+000	.90736+000
1	.99685+000	.99671+000	.99657+000	.99643+000	.99628+000
2	.99993+000	.99993+000	.99992+000	.99992+000	.99991+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.45560-001	.45650-001	.45740-001	.45830-001	.45921-001

THETA=	.50000+000	.60000+000	.70000+000	.80000+000	.90000+000
-I-			--SUM-P(I)--		
0	.90558+000	.88796+000	.87074+000	.85391+000	.83745+000
1	.99614+000	.99452+000	.99265+000	.99054+000	.98820+000
2	.99991+000	.99984+000	.99976+000	.99964+000	.99950+000
3	1.00000	1.00000	.99999+000	.99999+000	.99999+000
4			1.00000	1.00000	1.00000
H =	.46011-001	.46924-001	.47892-001	.48795-001	.49754-001

THETA=	.10000+001	.11000+001	.12000+001	.13000+001	.14000+001
-I-			--SUM-P(I)--		
0	.82136+000	.80563+000	.79025+000	.77520+000	.76049+000
1	.98564+000	.98287+000	.97991+000	.97676+000	.97343+000
2	.99933+000	.99912+000	.99887+000	.99859+000	.99827+000
3	.99998+000	.99997+000	.99996+000	.99994+000	.99993+000
4	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.50729-001	.51719-001	.52726-001	.53749-001	.54789-001

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$$U2 = 4$$

THETA=	.15000+001	.16000+001	.17000+001	.18000+001	.19000+001
-I-			SUM-P(I)		
0	.74610+000	.73202+000	.71825+000	.70477+000	.69159+000
1	.96993+000	.96626+000	.96245+000	.95849+000	.95439+000
2	.99790+000	.99750+000	.99704+000	.99655+000	.99600+000
3	.99990+000	.99988+000	.99985+000	.99981+000	.99977+000
4	1.00000	1.00000	.99999+000	.99999+000	.99999+000
5			1.00000	1.00000	1.00000
H =	.55846-001	.56920-001	.58012-001	.59121-001	.60248-001

THETA=	.20000+001	.21000+001	.22000+001	.23000+001	.24000+001
-I-			SUM-P(I)		
0	.67869+000	.66606+000	.65371+000	.64162+000	.62979+000
1	.95016+000	.94581+000	.94134+000	.93677+000	.93208+000
2	.99541+000	.99477+000	.99408+000	.99334+000	.99254+000
3	.99972+000	.99966+000	.99960+000	.99953+000	.99945+000
4	.99999+000	.99998+000	.99998+000	.99998+000	.99997+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.61393-001	.62556-001	.63739-001	.64940-001	.66160-001

THETA=	.25000+001	.26000+001	.27000+001	.28000+001	.29000+001
-I-			SUM-P(I)		
0	.61820+000	.60686+000	.59576+000	.58489+000	.57425+000
1	.92730+000	.92243+000	.91747+000	.91243+000	.90732+000
2	.99170+000	.99081+000	.98986+000	.98886+000	.98781+000
3	.99937+000	.99927+000	.99917+000	.99905+000	.99892+000
4	.99997+000	.99996+000	.99995+000	.99994+000	.99993+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.67400-001	.68659-001	.69938-001	.71238-001	.72558-001

THETA=	.30000+001	.31000+001	.32000+001	.33000+001	.34000+001
-I-			SUM-P(I)		
0	.56383+000	.55363+000	.54364+000	.53385+000	.52426+000
1	.90213+000	.89688+000	.89156+000	.88619+000	.88076+000
2	.98671+000	.98555+000	.98434+000	.98308+000	.98177+000
3	.99879+000	.99864+000	.99848+000	.99831+000	.99812+000
4	.99992+000	.99991+000	.99989+000	.99988+000	.99986+000
5	1.00000	1.00000	.99999+000	.99999+000	.99999+000
6			1.00000	1.00000	1.00000
H =	.73899-001	.75261-001	.76645-001	.78050-001	.79477-001

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 4

THETA=	.35000+001	.36000+001	.37000+001	.38000+001	.39000+001
-I-	---	---	---SUM-P(I)---	---	---
0	.51487+000	.50568+000	.49667+000	.48784+000	.47919+000
1	.87529+000	.86976+000	.86420+000	.85860+000	.85296+000
2	.98041+000	.97899+000	.97752+000	.97600+000	.97444+000
3	.99793+000	.99771+000	.99749+000	.99725+000	.99700+000
4	.99984+000	.99982+000	.99980+000	.99977+000	.99975+000
5	.99999+000	.99999+000	.99999+000	.99999+000	.99998+000
6	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.80926-001	.82398-001	.83893-001	.85411-001	.86952-001

THETA=	.40000+001	.41000+001	.42000+001	.43000+001	.44000+001
-I-	---	---	---SUM-P(I)---	---	---
0	.47072+000	.46242+000	.45428+000	.44631+000	.43849+000
1	.84729+000	.84160+000	.83587+000	.83013+000	.82436+000
2	.97282+000	.97115+000	.96943+000	.96766+000	.96585+000
3	.99673+000	.99644+000	.99614+000	.99583+000	.99549+000
4	.99972+000	.99968+000	.99965+000	.99961+000	.99957+000
5	.99998+000	.99998+000	.99998+000	.99997+000	.99997+000
6	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.88517-001	.90107-001	.91720-001	.93359-001	.95023-001

THETA=	.45000+001	.46000+001	.47000+001	.48000+001	.49000+001
-I-	---	---	---SUM-P(I)---	---	---
0	.43083+000	.42333+000	.41597+000	.40875+000	.40168+000
1	.81858+000	.81278+000	.80698+000	.80116+000	.79533+000
2	.96399+000	.96208+000	.96012+000	.95812+000	.95607+000
3	.99515+000	.99478+000	.99440+000	.99400+000	.99358+000
4	.99953+000	.99948+000	.99943+000	.99938+000	.99932+000
5	.99997+000	.99996+000	.99996+000	.99995+000	.99995+000
6	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.96712-001	.98427-001	.10017+000	.10194+000	.10373+000

THETA=	.50000+001	.52000+001	.54000+001	.56000+001	.58000+001
-I-	---	---	---SUM-P(I)---	---	---
0	.39475+000	.38129+000	.36835+000	.35590+000	.34393+000
1	.78950+000	.77783+000	.76616+000	.75451+000	.74289+000
2	.95398+000	.94966+000	.94518+000	.94053+000	.93572+000
3	.99314+000	.99221+000	.99121+000	.99013+000	.98897+000
4	.99926+000	.99913+000	.99898+000	.99881+000	.99863+000
5	.99994+000	.99993+000	.99991+000	.99989+000	.99987+000
6	1.00000	1.00000	.99999+000	.99999+000	.99999+000
7			1.00000	1.00000	1.00000
H =	.10555+000	.10928+000	.11312+000	.11707+000	.12115+000

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 4

THETA=	.60000+001	.62000+001	.64000+001	.66000+001	.68000+001
-I-			-SUM-P(I)-		
0	.33241+000	.32133+000	.31066+000	.30039+000	.29051+000
1	.73130+000	.71978+000	.70831+000	.69691+000	.68560+000
2	.93075+000	.92564+000	.92039+000	.91500+000	.90948+000
3	.98774+000	.98642+000	.98502+000	.98354+000	.98198+000
4	.99842+000	.99820+000	.99795+000	.99768+000	.99738+000
5	.99985+000	.99982+000	.99979+000	.99975+000	.99971+000
6	.99999+000	.99999+000	.99998+000	.99998+000	.99997+000
7	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.12535+000	.12967+000	.13412+000	.13871+000	.14343+000

THETA=	.70000+001	.72000+001	.74000+001	.76000+001	.78000+001
-I-			-SUM-P(I)-		
0	.28099+000	.27182+000	.26298+000	.25447+000	.24627+000
1	.67437+000	.66323+000	.65220+000	.64126+000	.63044+000
2	.90384+000	.89808+000	.89221+000	.88623+000	.88016+000
3	.98033+000	.97860+000	.97679+000	.97489+000	.97291+000
4	.99706+000	.99672+000	.99635+000	.99595+000	.99552+000
5	.99967+000	.99962+000	.99956+000	.99950+000	.99943+000
6	.99997+000	.99996+000	.99996+000	.99995+000	.99994+000
7	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.14829+000	.15329+000	.15844+000	.16374+000	.16919+000

THETA=	.80000+001	.82000+001	.84000+001	.86000+001	.88000+001
-I-			-SUM-P(I)-		
0	.23836+000	.23074+000	.22339+000	.21630+000	.20946+000
1	.61973+000	.60914+000	.59868+000	.58833+000	.57811+000
2	.87398+000	.86772+000	.86138+000	.85496+000	.84846+000
3	.97084+000	.96869+000	.96646+000	.96415+000	.96175+000
4	.99506+000	.99457+000	.99404+000	.99349+000	.99290+000
5	.99936+000	.99928+000	.99919+000	.99910+000	.99899+000
6	.99994+000	.99993+000	.99991+000	.99990+000	.99989+000
7	.99999+000	.99999+000	.99999+000	.99999+000	.99999+000
8	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.17481+000	.18058+000	.18552+000	.19263+000	.19892+000

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 4

THETA=	.90000+001	.92000+001	.94000+001	.96000+001	.98000+001
-I-			--SUM-P(I)--		
0	.20287+000	.19650+000	.19036+000	.18444+000	.17871+000
1	.56803+000	.55807+000	.54824+000	.53855+000	.52900+000
2	.84190+000	.83527+000	.82858+000	.82185+000	.81506+000
3	.95927+000	.95671+000	.95407+000	.95135+000	.94855+000
4	.99228+000	.99162+000	.99093+000	.99020+000	.98944+000
5	.99888+000	.99876+000	.99863+000	.99849+000	.99834+000
6	.99987+000	.99986+000	.99984+000	.99982+000	.99979+000
7	.99999+000	.99999+000	.99998+000	.99998+000	.99998+000
8	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.20539+000	.21204+000	.21888+000	.22591+000	.23315+000

THETA=	.10000+002	.10200+002	.10400+002	.10600+002	.10800+002
-I-			--SUM-P(I)--		
0	.17319+000	.16786+000	.16271+000	.15773+000	.15293+000
1	.51957+000	.51029+000	.50114+000	.49213+000	.48325+000
2	.80823+000	.80135+000	.79445+000	.78751+000	.78054+000
3	.94568+000	.94273+000	.93970+000	.93661+000	.93343+000
4	.98863+000	.98779+000	.98691+000	.98599+000	.98504+000
5	.99818+000	.99801+000	.99782+000	.99763+000	.99742+000
6	.99977+000	.99974+000	.99971+000	.99968+000	.99965+000
7	.99998+000	.99997+000	.99997+000	.99997+000	.99996+000
8	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.24058+000	.24823+000	.25608+000	.26416+000	.27246+000

THETA=	.11000+002	.11200+002	.11400+002	.11600+002	.11800+002
-I-			--SUM-P(I)--		
0	.14828+000	.14380+000	.13946+000	.13527+000	.13122+000
1	.47451+000	.46591+000	.45744+000	.44910+000	.44090+000
2	.77355+000	.76654+000	.75951+000	.75247+000	.74542+000
3	.93019+000	.92688+000	.92350+000	.92005+000	.91654+000
4	.98404+000	.98300+000	.98192+000	.98080+000	.97963+000
5	.99720+000	.99696+000	.99672+000	.99646+000	.99618+000
6	.99961+000	.99957+000	.99953+000	.99948+000	.99943+000
7	.99996+000	.99995+000	.99995+000	.99994+000	.99993+000
8	1.00000	1.00000	.99999+000	.99999+000	.99999+000
9			1.00000	1.00000	1.00000
H =	.28099+000	.28976+000	.29877+000	.30802+000	.31753+000

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 4

THETA=	.12000+002	.12200+002	.12400+002	.12600+002	.12800+002
-I-			SUM-P(I)		
0	.12730+000	.12352+000	.11986+000	.11631+000	.11289+000
1	.43284+000	.42490+000	.41710+000	.40943+000	.40188+000
2	.73837+000	.73131+000	.72425+000	.71719+000	.71014+000
3	.91296+000	.90932+000	.90562+000	.90185+000	.89803+000
4	.97843+000	.97718+000	.97589+000	.97456+000	.97319+000
5	.99589+000	.99558+000	.99526+000	.99492+000	.99457+000
6	.99938+000	.99932+000	.99926+000	.99920+000	.99913+000
7	.99992+000	.99992+000	.99991+000	.99990+000	.99989+000
8	.99999+000	.99999+000	.99999+000	.99999+000	.99999+000
9	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.32730+000	.33733+000	.34764+000	.35823+000	.36910+000

THETA=	.13000+002	.13200+002	.13400+002	.13600+002	.13800+002
-I-			SUM-P(I)		
0	.10957+000	.10637+000	.10326+000	.10026+000	.97354-001
1	.39447+000	.38718+000	.38001+000	.37297+000	.36605+000
2	.70310+000	.69607+000	.68905+000	.68204+000	.67505+000
3	.89416+000	.89022+000	.88624+000	.88220+000	.87811+000
4	.97177+000	.97032+000	.96881+000	.96727+000	.96568+000
5	.99420+000	.99381+000	.99340+000	.99298+000	.99254+000
6	.99906+000	.99898+000	.99889+000	.99881+000	.99871+000
7	.99988+000	.99986+000	.99985+000	.99984+000	.99982+000
8	.99999+000	.99998+000	.99998+000	.99998+000	.99998+000
9	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.38026+000	.39173+000	.40350+000	.41558+000	.42799+000

THETA=	.14000+002	.14200+002	.14400+002	.14600+002	.14800+002
-I-			SUM-P(I)		
0	.94541-001	.91817-001	.89180-001	.86626-001	.84153-001
1	.35925+000	.35258+000	.34602+000	.33957+000	.33324+000
2	.66809+000	.66214+000	.65422+000	.64733+000	.64046+000
3	.87398+000	.86979+000	.86556+000	.86129+000	.85697+000
4	.96405+000	.96238+000	.96066+000	.95891+000	.95711+000
5	.99208+000	.99160+000	.99110+000	.99058+000	.99004+000
6	.99861+000	.99851+000	.99840+000	.99829+000	.99816+000
7	.99980+000	.99979+000	.99977+000	.99975+000	.99973+000
8	.99998+000	.99997+000	.99997+000	.99997+000	.99997+000
9	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.44073+000	.45380+000	.46722+000	.48100+000	.49513+000

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   4

THETA=	.15000+002	.15500+002	.16000+002	.16500+002	.17000+002
-I-			--SUM-P(I)--		
0	.81757-001	.76092-001	.70856-001	.66015-001	.61536-001
1	.32703+000	.31198+000	.29760+000	.28387+000	.27076+000
2	.63362+000	.61666+000	.59992+000	.58341+000	.56716+000
3	.85261+000	.84155+000	.83026+000	.81877+000	.80710+000
4	.95526+000	.95047+000	.94543+000	.94012+000	.93457+000
5	.98948+000	.98799+000	.98637+000	.98462+000	.98272+000
6	.99804+000	.99769+000	.99729+000	.99686+000	.99637+000
7	.99970+000	.99964+000	.99956+000	.99948+000	.99938+000
8	.99996+000	.99995+000	.99994+000	.99993+000	.99991+000
9	1.00000	.99999+000	.99999+000	.99999+000	.99999+000
10		1.00000	1.00000	1.00000	1.00000
H =	.50964+000	.54758+000	.58804+000	.63117+000	.67711+000

THETA=	.17500+002	.18000+002	.18500+002	.19000+002	.19500+002
-I-			--SUM-P(I)--		
0	.57389-001	.53547-001	.49986-001	.46683-001	.43618-001
1	.25825+000	.24632+000	.23493+000	.22408+000	.21373+000
2	.55117+000	.53547+000	.52006+000	.50496+000	.49016+000
3	.79528+000	.78332+000	.77125+000	.75908+000	.74684+000
4	.92877+000	.92273+000	.91646+000	.90997+000	.90326+000
5	.98068+000	.97850+000	.97616+000	.97368+000	.97104+000
6	.99582+000	.99523+000	.99457+000	.99385+000	.99307+000
7	.99927+000	.99914+000	.99899+000	.99883+000	.99865+000
8	.99989+000	.99987+000	.99985+000	.99982+000	.99978+000
9	.99999+000	.99998+000	.99998+000	.99998+000	.99997+000
10	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.72604+000	.77813+000	.83357+000	.89254+000	.95526+000

THETA=	.20000+002	.21000+002	.22000+002	.23000+002	.24000+002
-I-			--SUM-P(I)--		
0	.40772-001	.35671-001	.31260-001	.27437-001	.24119-001
1	.20386+000	.18549+000	.16880+000	.15365+000	.13989+000
2	.47568+000	.44767+000	.42096+000	.39555+000	.37143+000
3	.73455+000	.70985+000	.68513+000	.66049+000	.63604+000
4	.89634+000	.88191+000	.86675+000	.85092+000	.83451+000
5	.96825+000	.96220+000	.95554+000	.94825+000	.94035+000
6	.99222+000	.99031+000	.98809+000	.98556+000	.98269+000
7	.99845+000	.99797+000	.99740+000	.99671+000	.99589+000
8	.99974+000	.99965+000	.99953+000	.99938+000	.99919+000
9	.99996+000	.99995+000	.99993+000	.99990+000	.99986+000
10	1.00000	.99999+000	.99999+000	.99999+000	.99998+000
11		1.00000	1.00000	1.00000	1.00000
H =	.10219+001	.11681+001	.13329+001	.15186+001	.17276+001

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   4

THETA=	.25000+002	.30000+002	.35000+002	.40000+002	.45000+002
-I-			SUM-P(I)		
0	.21233-001	.11455-001	.63666-002	.36294-002	.21153-002
1	.12740+000	.80188-001	.50933-001	.32665-001	.21153-001
2	.34857+000	.25202+000	.18092+000	.12945+000	.92543-001
3	.61187+000	.49749+000	.39756+000	.31380+000	.24552+000
4	.81758+000	.72762+000	.63451+000	.54424+000	.46065+000
5	.93186+000	.88104+000	.81881+000	.74908+000	.67577+000
6	.97947+000	.95775+000	.92631+000	.88563+000	.83712+000
7	.99493+000	.98764+000	.97518+000	.95657+000	.93141+000
8	.99896+000	.99698+000	.99299+000	.98613+000	.97561+000
9	.99982+000	.99938+000	.99832+000	.99624+000	.99261+000
10	.99997+000	.99989+000	.99966+000	.99912+000	.99807+000
11	1.00000	.99998+000	.99994+000	.99982+000	.99956+000
12		1.00000	.99999+000	.99997+000	.93991+000
13			1.00000	1.00000	.99998+000
14					1.00000
H =	.19624+001	.36373+001	.65446+001	.11480+002	.19698+002

THETA=	.50000+002	.55000+002	.60000+002	.65000+002	.70000+002
-I-			SUM-P(I)		
0	.12570-002	.76006-003	.46679-003	.29074-003	.18344-003
1	.13827-001	.91207-002	.60682-002	.40704-002	.27515-002
2	.66203-001	.47440-001	.34075-001	.24544-001	.17732-001
3	.19091+000	.14780+000	.11410+000	.87913-001	.67668-001
4	.38576+000	.32030+000	.26413+000	.21653+000	.17690+000
5	.60226+000	.53113+000	.46418+000	.40256+000	.34682+000
6	.78268+000	.72438+000	.66424+000	.60398+000	.54506+000
7	.89983+000	.86243+000	.82012+000	.77401+000	.72528+000
8	.96085+000	.94151+000	.91755+000	.88914+000	.85668+000
9	.98692+000	.97869+000	.96751+000	.95310+000	.93530+000
10	.99624+000	.99330+000	.98892+000	.98279+000	.97462+000
11	.99906+000	.99816+000	.99671+000	.99449+000	.99129+000
12	.99979+000	.99956+000	.99914+000	.99845+000	.99737+000
13	.99996+000	.99991+000	.99980+000	.99961+000	.99930+000
14	.99999+000	.99998+000	.99996+000	.99991+000	.99983+000
15	1.00000	1.00000	.99999+000	.99998+000	.99996+000
16			1.00000	1.00000	.99999+000
17					1.00000
H =	.33147+002	.54820+002	.89263+002	.14331+003	.22715+003

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 4

THETA=	.75000+002	.80000+002	.85000+002	.90000+002	.95000+002
-I-			SUM-P(I)		
0	.11711-003	.75576-004	.49267-004	.32418-004	.21518-004
1	.18737-002	.12848-002	.88681-003	.61595-003	.43036-003
2	.12852-001	.93463-002	.68194-002	.49924-002	.36671-002
3	.52062-001	.40057-001	.30832-001	.23749-001	.18309-001
4	.14396+000	.11683+000	.94617-001	.76501-001	.61778-001
5	.29712+000	.25332+000	.21510+000	.18200+000	.15355+000
6	.48857+000	.43531+000	.38578+000	.34026+000	.29885+000
7	.67505+000	.62439+000	.57420+000	.52524+000	.47811+000
8	.82074+000	.78195+000	.74102+000	.69865+000	.65551+000
9	.91413+000	.88969+000	.86222+000	.83205+000	.79955+000
10	.96416+000	.95125+000	.93581+000	.91780+000	.89729+000
11	.98690+000	.98110+000	.97371+000	.96457+000	.95357+000
12	.99578+000	.99354+000	.99049+000	.98650+000	.98141+000
13	.99880+000	.99804+000	.99695+000	.99543+000	.99338+000
14	.99969+000	.99947+000	.99913+000	.99862+000	.99789+000
15	.99993+000	.99987+000	.99978+000	.99963+000	.99940+000
16	.99999+000	.99997+000	.99995+000	.99991+000	.99984+000
17	1.00000	.99999+000	.99999+000	.99998+000	.99996+000
18		1.00000	1.00000	1.00000	.99999+000
19					1.00000
H =	.35580+003	.55132+003	.84573+003	.12853+004	.19363+004

THETA=	.10000+003
-I-	SUM-P(I)
0	.14400-004
1	.30240-003
2	.27024-002
3	.14131-001
4	.49845-001
5	.12921+000
6	.26149+000
7	.43327+000
8	.61222+000
9	.76516+000
10	.87441+000
11	.94062+000
12	.97510+000
13	.99070+000
14	.99690+000
15	.99907+000
16	.99975+000
17	.99994+000
18	.99999+000
19	1.00000
H =	.28935+004

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   5

THETA=	.00000+000	.10000-001	.20000-001	.30000-001	.40000-001
-I-			SUM-P(I)		
0	1.00000	.99833+000	.99667+000	.99501+000	.99336+000
1		1.00000	1.00000	.99999+000	.99998+000
2				1.00000	1.00000
H =	.83333-002	.83472-002	.83612-002	.83751-002	.83890-002

THETA=	.50000-001	.60000-001	.70000-001	.80000-001	.90000-001
-I-			SUM-P(I)		
0	.99171+000	.99006+000	.98841+000	.98677+000	.98513+000
1	.99997+000	.99996+000	.99994+000	.99992+000	.99990+000
2	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.84030-002	.84170-002	.84310-002	.84451-002	.84591-002

THETA=	.10000+000	.11000+000	.12000+000	.13000+000	.14000+000
-I-			SUM-P(I)		
0	.98349+000	.98186+000	.98023+000	.97860+000	.97697+000
1	.99988+000	.99986+000	.99983+000	.99980+000	.99977+000
2	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.84732-002	.84873-002	.85014-002	.85156-002	.85297-002

THETA=	.15000+000	.16000+000	.17000+000	.18000+000	.19000+000
-I-			SUM-P(I)		
0	.97535+000	.97373+000	.97212+000	.97051+000	.96890+000
1	.99974+000	.99970+000	.99966+000	.99962+000	.99958+000
2	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.85439-002	.85581-002	.85723-002	.85866-002	.86008-002

THETA=	.20000+000	.21000+000	.22000+000	.23000+000	.24000+000
-I-			SUM-P(I)		
0	.96729+000	.96569+000	.96409+000	.96249+000	.96090+000
1	.99954+000	.99949+000	.99944+000	.99939+000	.99933+000
2	1.00000	1.00000	.99999+000	.99999+000	.99999+000
3			1.00000	1.00000	1.00000
H =	.86151-002	.86294-002	.86437-002	.86581-002	.86724-002

THETA=	.25000+000	.26000+000	.27000+000	.28000+000	.29000+000
-I-			SUM-P(I)		
0	.95931+000	.95772+000	.95613+000	.95455+000	.95297+000
1	.99928+000	.99922+000	.99916+000	.99910+000	.99903+000
2	.99999+000	.99999+000	.99999+000	.99999+000	.99999+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.86868-002	.87012-002	.87156-002	.87301-002	.87445-002

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$$U2 = 5$$

THETA=	.30000+000	.31000+000	.32000+000	.33000+000	.34000+000
-I-			SUM-P(I)		
0	.95140+000	.94982+000	.94825+000	.94669+000	.94512+000
1	.99897+000	.99890+000	.99883+000	.99876+000	.99868+000
2	.99999+000	.99999+000	.99998+000	.99998+000	.99998+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.87590-002	.87735-002	.87881-002	.88026-002	.88172-002

THETA=	.35000+000	.36000+000	.37000+000	.38000+000	.39000+000
-I-			SUM-P(I)		
0	.94356+000	.94200+000	.94045+000	.93890+000	.93735+000
1	.99860+000	.99852+000	.99844+000	.99836+000	.99827+000
2	.99998+000	.99998+000	.99998+000	.99997+000	.99997+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.88318-002	.88464-002	.88610-002	.88757-002	.88903-002

THETA=	.40000+000	.41000+000	.42000+000	.43000+000	.44000+000
-I-			SUM-P(I)		
0	.93580+000	.93426+000	.93272+000	.93118+000	.92964+000
1	.99819+000	.99810+000	.99801+000	.99791+000	.99782+000
2	.99997+000	.99997+000	.99997+000	.99996+000	.99996+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.89050-002	.89197-002	.89345-002	.89492-002	.89640-002

THETA=	.45000+000	.46000+000	.47000+000	.48000+000	.49000+000
-I-			SUM-P(I)		
0	.92811+000	.92658+000	.92506+000	.92353+000	.92201+000
1	.99772+000	.99762+000	.99752+000	.99742+000	.99731+000
2	.99996+000	.99995+000	.99995+000	.99995+000	.99995+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.89788-002	.89936-002	.90085-002	.90233-002	.90382-002

THETA=	.50000+000	.60000+000	.70000+000	.80000+000	.90000+000
-I-			SUM-P(I)		
0	.92049+000	.90547+000	.89073+000	.87626+000	.86206+000
1	.99720+000	.99602+000	.99465+000	.99310+000	.99137+000
2	.99994+000	.99990+000	.99985+000	.99977+000	.99968+000
3	1.00000	1.00000	1.00000	.99999+000	.99999+000
4				1.00000	1.00000
H =	.90531-002	.92033-002	.93556-002	.95101-002	.96668-002

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$$U2 = 5$$

THETA=	.10000+001	.11000+001	.12000+001	.13000+001	.14000+001
-I-			SUM-P(I)		
0	.84812+000	.83443+000	.82100+000	.80781+000	.79486+000
1	.98947+000	.98741+000	.98520+000	.98283+000	.98033+000
2	.99957+000	.99943+000	.99927+000	.99909+000	.99887+000
3	.99999+000	.99998+000	.99998+000	.99997+000	.99996+000
4	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.98257-002	.99868-002	.10150-001	.10316-001	.10484-001

THETA=	.15000+001	.16000+001	.17000+001	.18000+001	.19000+001
-I-			SUM-P(I)		
0	.78215+000	.76966+000	.75741+000	.74537+000	.73355+000
1	.97768+000	.97491+000	.97201+000	.96898+000	.96584+000
2	.99863+000	.99836+000	.99806+000	.99773+000	.99737+000
3	.99994+000	.99993+000	.99991+000	.99989+000	.99986+000
4	1.00000	1.00000	1.00000	1.00000	.99999+000
5					1.00000
H =	.10654-001	.10827-001	.11002-001	.11180-001	.11360-001

THETA=	.20000+001	.21000+001	.22000+001	.23000+001	.24000+001
-I-			SUM-P(I)		
0	.72194+000	.71054+000	.69935+000	.68835+000	.67755+000
1	.96259+000	.95923+000	.95577+000	.95222+000	.94857+000
2	.99697+000	.99654+000	.99607+000	.99557+000	.99503+000
3	.99983+000	.99980+000	.99976+000	.99972+000	.99967+000
4	.99999+000	.99999+000	.99999+000	.99999+000	.99998+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.11543-001	.11728-001	.11916-001	.12106-001	.12299-001

THETA=	.25000+001	.26000+001	.27000+001	.28000+001	.29000+001
-I-			SUM-P(I)		
0	.66694+000	.65652+000	.64628+000	.63622+000	.62634+000
1	.94483+000	.94101+000	.93710+000	.93312+000	.92907+000
2	.99445+000	.99384+000	.99319+000	.99250+000	.99178+000
3	.99962+000	.99956+000	.99950+000	.99943+000	.99935+000
4	.99998+000	.99998+000	.99997+000	.99997+000	.99996+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.12495-001	.12693-001	.12894-001	.13098-001	.13305-001

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   5

THETA=	.30000+001	.31000+001	.32000+001	.33000+001	.34000+001
-I-	----------	----------	--SUM-P(I)--	----------	----------
0	.61663+000	.60709+000	.59772+000	.58851+000	.57946+000
1	.92494+000	.92075+000	.91650+000	.91219+000	.90782+000
2	.99101+000	.99021+000	.98936+000	.98848+000	.98756+000
3	.99927+000	.99918+000	.99908+000	.99897+000	.99886+000
4	.99996+000	.99995+000	.99994+000	.99993+000	.99992+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.13514-001	.13727-001	.13942-001	.14160-001	.14381-001

THETA=	.35000+001	.36000+001	.37000+001	.38000+001	.39000+001
-I-	----------	----------	--SUM-P(I)--	----------	----------
0	.57056+000	.56182+000	.55323+000	.54479+000	.53650+000
1	.90339+000	.89892+000	.89440+000	.88983+000	.88522+000
2	.98660+000	.98560+000	.98456+000	.98348+000	.98236+000
3	.99873+000	.99860+000	.99846+000	.99831+000	.99815+000
4	.99991+000	.99990+000	.99989+000	.99987+000	.99986+000
5	1.00000	.99999+000	.99999+000	.99999+000	.99999+000
6		1.00000	1.00000	1.00000	1.00000
H =	.14605-001	.14833-001	.15063-001	.15296-001	.15533-001

THETA=	.40000+001	.41000+001	.42000+001	.43000+001	.44000+001
-I-	----------	----------	--SUM-P(I)--	----------	----------
0	.52834+000	.52033+000	.51245+000	.50470+000	.49709+000
1	.88057+000	.87588+000	.87116+000	.86641+000	.86162+000
2	.98121+000	.98001+000	.97877+000	.97750+000	.97619+000
3	.99798+000	.99780+000	.99761+000	.99740+000	.99719+000
4	.99984+000	.99982+000	.99980+000	.99978+000	.99976+000
5	.99999+000	.99999+000	.99999+000	.99999+000	.99998+000
6	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.15773-001	.16016-001	.16262-001	.16511-001	.16764-001

THETA=	.45000+001	.46000+001	.47000+001	.48000+001	.49000+001
-I-	----------	----------	--SUM-P(I)--	----------	----------
0	.48960+000	.48225+000	.47501+000	.46790+000	.46091+000
1	.85681+000	.85197+000	.84710+000	.84222+000	.83731+000
2	.97484+000	.97345+000	.97202+000	.97056+000	.96905+000
3	.99697+000	.99673+000	.99648+000	.99622+000	.99595+000
4	.99973+000	.99971+000	.99968+000	.99965+000	.99961+000
5	.99998+000	.99998+000	.99998+000	.99997+000	.99997+000
6	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.17021-001	.17280-001	.17543-001	.17810-001	.18080-001

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 5

THETA=	.50000+001	.52000+001	.54000+001	.56000+001	.58000+001
-I-			SUM-P(I)		
0	.45403+000	.44060+000	.42765+000	.41511+000	.40298+000
1	.83239+000	.82249+000	.81254+000	.80255+000	.79253+000
2	.96752+000	.96433+000	.96150+000	.95753+000	.95392+000
3	.99567+000	.99506+000	.99440+000	.99369+000	.99292+000
4	.99958+000	.99950+000	.99941+000	.99931+000	.99920+000
5	.99997+000	.99996+000	.99995+000	.99994+000	.99993+000
6	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.18354-001	.18913-001	.19486-001	.20075-001	.20679-001

THETA=	.60000+001	.62000+001	.64000+001	.66000+001	.68000+001
-I-			SUM-P(I)		
0	.39125+000	.37989+000	.36891+000	.35828+000	.34798+000
1	.78250+000	.77245+000	.76241+000	.75238+000	.74237+000
2	.95017+000	.94630+000	.94230+000	.93817+000	.93392+000
3	.99209+000	.99121+000	.99027+000	.98926+000	.98820+000
4	.99908+000	.99894+000	.99879+000	.99863+000	.99845+000
5	.99992+000	.99990+000	.99989+000	.99987+000	.99984+000
6	.99999+000	.99999+000	.99999+000	.99999+000	.99999+000
7	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.21299-001	.21936-001	.22589-001	.23260-001	.23947-001

THETA=	.70000+001	.72000+001	.74000+001	.76000+001	.78000+001
-I-			SUM-P(I)		
0	.33802+000	.32838+000	.31904+000	.30999+000	.30123+000
1	.73238+000	.72243+000	.71252+000	.70265+000	.69284+000
2	.92956+000	.92508+000	.92050+000	.91581+000	.91102+000
3	.98707+000	.98588+000	.98463+000	.98331+000	.98193+000
4	.99825+000	.99804+000	.99781+000	.99756+000	.99729+000
5	.99982+000	.99979+000	.99976+000	.99973+000	.99969+000
6	.99999+000	.99998+000	.99998+000	.99998+000	.99997+000
7	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.24653-001	.25377-001	.26120-001	.26882-001	.27664-001

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   5

THETA=	.80000+001	.82000+001	.84000+001	.86000+001	.88000+001
-I-			SUM-P(I)		
0	.29275+000	.28453+000	.27657+000	.26885+000	.26137+000
1	.68308+000	.67339+000	.66376+000	.65421+000	.64472+000
2	.90613+000	.90115+000	.89608+000	.89092+000	.88568+000
3	.98048+000	.97897+000	.97739+000	.97575+000	.97404+000
4	.99700+000	.99669+000	.99636+000	.99601+000	.99563+000
5	.99965+000	.99960+000	.99955+000	.99950+000	.99944+000
6	.99997+000	.99996+000	.99996+000	.99995+000	.99994+000
7	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.28466-001	.29288-001	.30131-001	.30996-001	.31883-001

THETA=	.90000+001	.92000+001	.94000+001	.96000+001	.98000+001
-I-			SUM-P(I)		
0	.25413+000	.24710+000	.24029+000	.23369+000	.22729+000
1	.63532+000	.62599+000	.61675+000	.60759+000	.59853+000
2	.88037+000	.87498+000	.86951+000	.86398+000	.85839+000
3	.97226+000	.97042+000	.96851+000	.96654+000	.96450+000
4	.99523+000	.99481+000	.99436+000	.99389+000	.99339+000
5	.99937+000	.99930+000	.99922+000	.99914+000	.99905+000
6	.99993+000	.99992+000	.99991+000	.99990+000	.99989+000
7	.99999+000	.99999+000	.99999+000	.99999+000	.99999+000
8	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.32792-001	.33724-001	.34680-001	.35660-001	.36664-001

THETA=	.10000+002	.10200+002	.10400+002	.10600+002	.10800+002
-I-			SUM-P(I)		
0	.22108+000	.21506+000	.20922+000	.20356+000	.19806+000
1	.58955+000	.58066+000	.57187+000	.56317+000	.55457+000
2	.85274+000	.84703+000	.84127+000	.83545+000	.82959+000
3	.96240+000	.96023+000	.95800+000	.95571+000	.95335+000
4	.99286+000	.99231+000	.99173+000	.99112+000	.99048+000
5	.99896+000	.99885+000	.99874+000	.99863+000	.99850+000
6	.99988+000	.99986+000	.99985+000	.99983+000	.99981+000
7	.99999+000	.99999+000	.99999+000	.99998+000	.99998+000
8	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.37694-001	.38749-001	.39830-001	.40939-001	.42075-001

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$$U2 = S$$

THETA=	.11000+002	.11200+002	.11400+002	.11600+002	.11800+002
-I-	---	---	SUM-P(I)	---	---
0	.19273+000	.18756+000	.18254+000	.17766+000	.17294+000
1	.54607+000	.53766+000	.52935+000	.52115+000	.51304+000
2	.82369+000	.81775+000	.81176+000	.80575+000	.79970+000
3	.95093+000	.94845+000	.94591+000	.94331+000	.94064+000
4	.98981+000	.98912+000	.98839+000	.98763+000	.98684+000
5	.99837+000	.99822+000	.99807+000	.99791+000	.99774+000
6	.99979+000	.99977+000	.99975+000	.99972+000	.99969+000
7	.99998+000	.99998+000	.99997+000	.99997+000	.99997+000
8	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.43239-001	.44431-001	.45653-001	.46905-001	.48188-001

THETA=	.12000+002	.12200+002	.12400+002	.12600+002	.12800+002
-I-	---	---	SUM-P(I)	---	---
0	.16834+000	.16389+000	.15956+000	.15536+000	.15128+000
1	.50503+000	.49713+000	.48932+000	.48162+000	.47402+000
2	.79363+000	.78752+000	.78140+000	.77525+000	.76909+000
3	.93792+000	.93514+000	.93230+000	.92941+000	.92646+000
4	.98602+000	.98517+000	.98428+000	.98337+000	.98242+000
5	.99756+000	.99737+000	.99717+000	.99696+000	.99674+000
6	.99966+000	.99963+000	.99960+000	.99956+000	.99952+000
7	.99996+000	.99996+000	.99995+000	.99995+000	.99994+000
8	1.00000	1.00000	1.00000	.99999+000	.99999+000
9				1.00000	1.00000
H =	.49502-001	.50848-001	.52226-001	.53638-001	.55085-001

THETA=	.13000+002	.13200+002	.13400+002	.13600+002	.13800+002
-I-	---	---	SUM-P(I)	---	---
0	.14732+000	.14347+000	.13974+000	.13611+000	.13258+000
1	.46652+000	.45911+000	.45181+000	.44461+000	.43751+000
2	.76291+000	.75672+000	.75052+000	.74430+000	.73809+000
3	.92346+000	.92040+000	.91729+000	.91413+000	.91092+000
4	.98143+000	.98042+000	.97937+000	.97829+000	.97717+000
5	.99651+000	.99626+000	.99601+000	.99574+000	.99546+000
6	.99948+000	.99943+000	.99938+000	.99933+000	.99928+000
7	.99994+000	.99993+000	.99992+000	.99991+000	.99991+000
8	.99999+000	.99999+000	.99999+000	.99999+000	.99999+000
9	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.56566-001	.58083-001	.59636-001	.61227-001	.62856-001

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 5

THETA=	.14000+002	.14200+002	.14400+002	.14600+002	.14800+002
-I-			SUM-P(I)		
0	.12915+000	.12582+000	.12259+000	.11944+000	.11639+000
1	.43051+000	.42360+000	.41680+000	.41009+000	.40348+000
2	.73186+000	.72564+000	.71942+000	.71319+000	.70698+000
3	.90766+000	.90435+000	.90099+000	.89758+000	.89413+000
4	.97602+000	.97483+000	.97362+000	.97236+000	.97107+000
5	.99516+000	.99485+000	.99453+000	.99420+000	.99385+000
6	.99922+000	.99916+000	.99910+000	.99903+000	.99896+000
7	.99990+000	.99989+000	.99988+000	.99987+000	.99986+000
8	.99999+000	.99999+000	.99999+000	.99998+000	.99998+000
9	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.64523-001	.66230-001	.67978-001	.69768-001	.71599-001

THETA=	.15000+002	.15500+002	.16000+002	.16500+002	.17000+002
-I-			SUM-P(I)		
0	.11342+000	.10635+000	.99763-001	.93621-001	.87890-001
1	.39696+000	.38109+000	.36580+000	.35108+000	.33691+000
2	.70076+000	.68527+000	.66984+000	.65451+000	.63929+000
3	.89064+000	.88171+000	.87253+000	.86312+000	.85348+000
4	.96975+000	.96629+000	.96262+000	.95873+000	.95462+000
5	.99349+000	.99251+000	.99145+000	.99028+000	.98901+000
6	.99888+000	.99867+000	.99844+000	.99817+000	.99787+000
7	.99984+000	.99981+000	.99977+000	.99972+000	.99966+000
8	.99998+000	.99998+000	.99997+000	.99996+000	.99996+000
9	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.73474-001	.78357-001	.83531-001	.89012-001	.94816-001

THETA=	.17500+002	.18000+002	.18500+002	.19000+002	.19500+002
-I-			SUM-P(I)		
0	.82540-001	.77545-001	.72879-001	.68517-001	.64439-001
1	.72328+000	.31018+000	.29759+000	.28549+000	.27386+000
2	.62421+000	.60928+000	.59452+000	.57995+000	.56556+000
3	.84364+000	.83361+000	.82341+000	.81306+000	.80257+000
4	.95030+000	.94577+000	.94104+000	.93609+000	.93095+000
5	.98764+000	.98615+000	.98456+000	.98284+000	.98102+000
6	.99754+000	.99717+000	.99676+000	.99630+000	.99581+000
7	.99960+000	.99953+000	.99944+000	.99935+000	.99924+000
8	.99995+000	.99993+000	.99992+000	.99990+000	.99989+000
9	.99999+000	.99999+000	.99999+000	.99999+000	.99999+000
10	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.10096+000	.10746+000	.11435+000	.12162+000	.12932+000

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 5

THETA=	.20000+002	.21000+002	.22000+002	.23000+002	.24000+002
-I-			----SUM-P(I)----		
0	.60624-001	.53711-001	.47648-001	.42322-001	.37636-001
1	.26270+000	.24170+000	.22236+000	.20456+000	.18818+000
2	.55139+000	.52368+000	.49690+000	.47108+000	.44625+000
3	.79196+000	.77042+000	.74857+000	.72650+000	.70433+000
4	.92561+000	.91435+000	.90236+000	.88969+000	.87638+000
5	.97907+000	.97480+000	.97003+000	.96475+000	.95896+000
6	.99527+000	.99403+000	.99259+000	.99091+000	.98899+000
7	.99912+000	.99884+000	.99850+000	.99808+000	.99757+000
8	.99986+000	.99981+000	.99975+000	.99966+000	.99955+000
9	.99998+000	.99997+000	.99996+000	.99995+000	.99993+000
10	1.00000	1.00000	1.00000	.99999+000	.99999+000
11				1.00000	1.00000
H =	.13746+000	.15515+000	.17489+000	.19690+000	.22142+000

THETA=	.25000+002	.30000+002	.35000+002	.40000+002	.45000+002
-I-			----SUM-P(I)----		
0	.33508-001	.19047-001	.11090-001	.65935-002	.39928-002
1	.17312+000	.11428+000	.75783-001	.50550-001	.33938-001
2	.42243+000	.31836+000	.23752+000	.17614+000	.13019+000
3	.68213+000	.57345+000	.47338+000	.38546+000	.31067+000
4	.86248+000	.78603+000	.70268+000	.61803+000	.53626+000
5	.95266+000	.91358+000	.86320+000	.80409+000	.73930+000
6	.98681+000	.97156+000	.94832+000	.91685+000	.87773+000
7	.99698+000	.99226+000	.98379+000	.97055+000	.95190+000
8	.99942+000	.99824+000	.99573+000	.99120+000	.98398+000
9	.99991+000	.99966+000	.99904+000	.99776+000	.99544+000
10	.99999+000	.99994+000	.99982+000	.99951+000	.99888+000
11	1.00000	.99999+000	.99997+000	.99991+000	.99976+000
12		1.00000	1.00000	.99998+000	.99996+000
13				1.00000	.99999+000
14					1.00000
H =	.24870+000	.43751+000	.75141+000	.12639+001	.20871+001

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   5

THETA=	.50000+002	.55000+002	.60000+002	.65000+002	.70000+002
-I-			SUM-P(I)		
0	.24578-002	.15353-002	.97196-003	.62283-003	.40358-003
1	.22939-001	.15609-001	.10692-001	.73702-002	.51121-002
2	.96087-001	.70899-001	.52347-001	.38697-001	.28654-001
3	.24848+000	.19761+000	.15648+000	.12354+000	.97320-001
4	.46013+000	.39118+000	.33005+000	.27673+000	.23084+000
5	.67179+000	.60412+000	.53832+000	.47588+000	.41776+000
6	.83213+000	.78157+000	.72767+000	.67201+000	.61601+000
7	.92758+000	.89775+000	.86291+000	.82377+000	.78122+000
8	.97346+000	.95920+000	.94094+000	.91863+000	.89242+000
9	.99167+000	.98602+000	.97809+000	.96756+000	.95419+000
10	.99774+000	.99585+000	.99295+000	.98877+000	.98302+000
11	.99947+000	.99893+000	.99802+000	.99660+000	.99449+000
12	.99989+000	.99976+000	.99951+000	.99909+000	.99842+000
13	.99998+000	.99995+000	.99989+000	.99979+000	.99960+000
14	1.00000	.99999+000	.99998+000	.99995+000	.99991+000
15		1.00000	1.00000	.99999+000	.99998+000
16				1.00000	1.00000
H =	.33906+001	.54277+001	.85738+001	.13380+002	.20648+002

THETA=	.75000+002	.80000+002	.85000+002	.90000+002	.95000+002
-I-			SUM-P(I)		
0	.26422-003	.17463-003	.11644-003	.78289-004	.53045-004
1	.35669-002	.25030-002	.17661-002	.12526-002	.89293-003
2	.21260-001	.15808-001	.11782-001	.88020-002	.65921-002
3	.76551-001	.60158-001	.47253-001	.37112-001	.29152-001
4	.19174+000	.15871+000	.13102+000	.10789+000	.88683-001
5	.36452+000	.31640+000	.27339+000	.23528+000	.20179+000
6	.56087+000	.50754+000	.45675+000	.40900+000	.36460+000
7	.73618+000	.68958+000	.64231+000	.59513+000	.54873+000
8	.86260+000	.82961+000	.79396+000	.75621+000	.71693+000
9	.93785+000	.91852+000	.89626+000	.87126+000	.84374+000
10	.97548+000	.96593+000	.95424+000	.94029+000	.92406+000
11	.99151+000	.98749+000	.98223+000	.97559+000	.96741+000
12	.99741+000	.99594+000	.99390+000	.99116+000	.98760+000
13	.99930+000	.99883+000	.99814+000	.99715+000	.99580+000
14	.99983+000	.99970+000	.99949+000	.99918+000	.99873+000
15	.99996+000	.99993+000	.99988+000	.99979+000	.99965+000
16	.99999+000	.99999+000	.99997+000	.99995+000	.99991+000
17	1.00000	1.00000	.99999+000	.99999+000	.99998+000
18			1.00000	1.00000	1.00000
H =	.31540+002	.47720+002	.71565+002	.10644+003	.15710+003

#1201

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$$U2 = 5$$

THETA= .10000+003

-I-	----------SUM-P(I)----------
0	.36203-004
1	.63959-003
2	.49495-002
3	.22907-001
4	.72790-001
5	.17256+000
6	.32372+000
7	.50367+000
8	.67670+000
9	.81403+000
10	.90558+000
11	.95759+000
12	.98309+000
13	.99399+000
14	.99809+000
15	.99945+000
16	.99986+000
17	.99997+000
18	.99999+000
19	1.00000

H = .23018+003

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   0   U3 =   0

THETA=	.00000+000	.10000-001	.20000-001	.30000-001	.40000-001
-I-			-----P(I)----		
0	.10000+001	.99009+000	.98034+000	.97077+000	.96135+000
1		.99009-002	.19607-001	.29123-001	.38454-001
2		.12376-004	.49017-004	.10921-003	.19227-003
H =	.10000+001	.10100+001	.10200+001	.10301+001	.10402+001

THETA=	.50000-001	.60000-001	.70000-001	.80000-001	.90000-001
-I-			-----P(I)----		
0	.95210+000	.94300+000	.93404+000	.92574+000	.91658+000
1	.47605-001	.56580-001	.65383-001	.74019-001	.82492-001
2	.29753-003	.42435-003	.57210-003	.74019-003	.92803-003
H =	.10503+001	.10604+001	.10706+001	.10808+001	.10910+001

THETA=	.10000+000	.11000+000	.12000+000	.13000+000	.14000+000
-I-			-----P(I)----		
0	.90806+000	.89967+000	.89142+000	.88330+000	.87530+000
1	.90806-001	.98964-001	.10697+000	.11483+000	.12254+000
2	.11351-002	.13608-002	.16046-002	.18660-002	.21445-002
3		.55438-005	.71313-005	.89843-005	.11120-004
H =	.11013+001	.11115+001	.11218+001	.11321+001	.11425+001

THETA=	.15000+000	.16000+000	.17000+000	.18000+000	.19000+000
-I-			-----P(I)----		
0	.86743+000	.85968+000	.85205+000	.84454+000	.83714+000
1	.13011+000	.13755+000	.14485+000	.15202+000	.15906+000
2	.24397-002	.27510-002	.30780-002	.34204-002	.37776-002
3	.13554-004	.16302-004	.19380-004	.22803-004	.26583-004
H =	.11528+001	.11632+001	.11736+001	.11841+001	.11945+001

THETA=	.20000+000	.21000+000	.22000+000	.23000+000	.24000+000
-I-			-----P(I)----		
0	.82985+000	.82267+000	.81559+000	.80862+000	.80175+000
1	.16597+000	.17276+000	.17943+000	.18598+000	.19242+000
2	.41493-002	.45350-002	.49343-002	.53470-002	.57726-002
3	.30735-004	.35272-004	.40206-004	.45549-004	.51312-004
H =	.12050+001	.12156+001	.12261+001	.12367+001	.12473+001

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   0   U3 =   0

THETA=	.25000+000	.26000+000	.27000+000	.28000+000	.29000+000
-I-			P(I)		
0	.79499+000	.78831+000	.78174+000	.77525+000	.76886+000
1	.19875+000	.20496+000	.21107+000	.21707+000	.22297+000
2	.62108-002	.66612-002	.71236-002	.75975-002	.80826-002
3	.57508-004	.64145-004	.71236-004	.78789-004	.86314-004
H =	.12579+001	.12685+001	.12792+001	.12899+001	.13006+001

THETA=	.30000+000	.31000+000	.32000+000	.33000+000	.34000+000
-I-			P(I)		
0	.76256+000	.75634+000	.75021+000	.74417+000	.73821+000
1	.22877+000	.23447+000	.24007+000	.24558+000	.25099+000
2	.85788-002	.90856-002	.96027-002	.10130-001	.10667-001
3	.95320-004	.10432-003	.11381-003	.12381-003	.13433-003
H =	.13114+001	.13222+001	.13330+001	.13438+001	.13546+001

THETA=	.35000+000	.36000+000	.37000+000	.38000+000	.39000+000
-I-			P(I)		
0	.73233+000	.72652+000	.72080+000	.71515+000	.70958+000
1	.25631+000	.26155+000	.26670+000	.27176+000	.27674+000
2	.11214-001	.11770-001	.12335-001	.12908-001	.13491-001
3	.14536-003	.15693-003	.16903-003	.18167-003	.19487-003
H =	.13655+001	.13764+001	.13873+001	.13983+001	.14093+001

THETA=	.40000+000	.41000+000	.42000+000	.43000+000	.44000+000
-I-			P(I)		
0	.70408+000	.69865+000	.69329+000	.68800+000	.68278+000
1	.28163+000	.28645+000	.29118+000	.29584+000	.30042+000
2	.14082-001	.14680-001	.15287-001	.15901-001	.16523-001
3	.20862-003	.22292-003	.23780-003	.25325-003	.26927-003
H =	.14203+001	.14313+001	.14424+001	.14535+001	.14646+001

THETA=	.45000+000	.46000+000	.47000+000	.48000+000	.49000+000
-I-			P(I)		
0	.67763+000	.67254+000	.66751+000	.66255+000	.65765+000
1	.30493+000	.30937+000	.31373+000	.31802+000	.32225+000
2	.17152-001	.17789-001	.18432-001	.19081-001	.19738-001
3	.28587-003	.30307-003	.32085-003	.33923-003	.35820-003
H =	.14757+001	.14869+001	.14981+001	.15093+001	.15206+001

DENSITY OF THE THREE-FACTOR GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U2 =$ 0 $U3 =$ 0

THETA=	.50000+000	.60000+000	.70000+000	.80000+000	.90000+000
-I-			P(I)		
0	.65281+000	.60753+000	.56726+000	.53124+000	.49883+000
1	.32641+000	.36452+000	.39708+000	.42499+000	.44895+000
2	.20400-001	.27339-001	.34745-001	.42499-001	.50507-001
3	.37779-003	.60753-003	.90079-003	.12592-002	.16836-002
4		.56956-005	.98524-005	.15740-004	.23675-004
H =	.15318+001	.16460+001	.17629+001	.18824+001	.20047+001

THETA=	.10000+001	.11000+001	.12000+001	.13000+001	.14000+001
-I-			P(I)		
0	.46955+000	.44296+000	.41873+000	.39657+000	.37622+000
1	.46955+000	.48726+000	.50248+000	.51554+000	.52671+000
2	.58694-001	.66998-001	.75372-001	.83775-001	.92175-001
3	.21738-002	.27296-002	.33499-002	.40336-002	.47794-002
4	.33966-004	.46914-004	.62810-004	.81933-004	.10455-003
H =	.21297+001	.22575+001	.23882+001	.25216+001	.26580+001

THETA=	.15000+001	.16000+001	.17000+001	.18000+001	.19000+001
-I-			P(I)		
0	.35749+000	.34020+000	.32419+000	.30933+000	.29551+000
1	.53624+000	.54432+000	.55112+000	.55680+000	.56147+000
2	.10055+000	.10886+000	.11711+000	.12528+000	.13335+000
3	.55859-002	.64512-002	.73738-002	.83520-002	.93839-002
4	.13092-003	.16128-003	.19587-003	.23490-003	.27858-003
H =	.27972+001	.29394+001	.30846+001	.32328+001	.33840+001

THETA=	.20000+001	.21000+001	.22000+001	.23000+001	.24000+001
-I-			P(I)		
0	.28263+000	.27060+000	.25933+000	.24878+000	.23887+000
1	.56526+000	.56825+000	.57054+000	.57219+000	.57328+000
2	.14131+000	.14917+000	.15690+000	.16450+000	.17198+000
3	.10468-001	.11602-001	.12784-001	.14013-001	.15237-001
4	.32712-003	.38068-003	.43946-003	.50361-003	.57328-003
5	.52339-005	.63955-005	.77345-005	.92663-005	.11007-004
H =	.35382+001	.36956+001	.38560+001	.40196+001	.41864+001

#1201

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   0   U3 =   0

THETA=	.25000+001	.26000+001	.27000+001	.28000+001	.29000+001
-I-			P(I)		
0	.22954+000	.22076+000	.21248+000	.20466+000	.19726+000
1	.57386+000	.57398+000	.57370+000	.57305+000	.57206+000
2	.17933+000	.18654+000	.19362+000	.20057+000	.20737+000
3	.16605-001	.17964-001	.19362-001	.20799-001	.22273-001
4	.64862-003	.72977-003	.81685-003	.90997-003	.10093-002
5	.12972-004	.15179-004	.17644-004	.20383-004	.23415-004
H =	.43565+001	.45297+001	.47063+001	.48862+001	.50694+001

THETA=	.30000+001	.31000+001	.32000+001	.33000+001	.34000+001
-I-			P(I)		
0	.19026+000	.18362+000	.17732+000	.17134+000	.16565+000
1	.57078+000	.56922+000	.56743+000	.56541+000	.56320+000
2	.21404+000	.22057+000	.22697+000	.23323+000	.23936+000
3	.23782-001	.25325-001	.26900-001	.28506-001	.30142-001
4	.11148-002	.12267-002	.13450-002	.14699-002	.16013-002
5	.26755-004	.30422-004	.34432-004	.38804-004	.43555-004
H =	.52560+001	.54460+001	.56395+001	.58364+001	.60369+001

THETA=	.35000+001	.36000+001	.37000+001	.38000+001	.39000+001
-I-			P(I)		
0	.16023+000	.15507+000	.15016+000	.14546+000	.14098+000
1	.56082+000	.55827+000	.55558+000	.55276+000	.54983+000
2	.24536+000	.25122+000	.25696+000	.26256+000	.26804+000
3	.31806-001	.33496-001	.35212-001	.36953-001	.38717-001
4	.17394-002	.18842-002	.20357-002	.21941-002	.23593-002
5	.48702-004	.54264-004	.60257-004	.66700-004	.73611-004
H =	.62409+001	.64485+001	.66597+001	.68746+001	.70931+001

THETA=	.40000+001	.41000+001	.42000+001	.43000+001	.44000+001
-I-			P(I)		
0	.13670+000	.13260+000	.12868+000	.12492+000	.12132+000
1	.54679+000	.54366+000	.54045+000	.53717+000	.53382+000
2	.27340+000	.27863+000	.28374+000	.28873+000	.29360+000
3	.40503-001	.42310-001	.44137-001	.45983-001	.47846-001
4	.25314-002	.27105-002	.28965-002	.30895-002	.32894-002
5	.81006-004	.88904-004	.97322-004	.10628-003	.11579-003
H =	.73154+001	.75415+001	.77713+001	.80049+001	.82425+001

DENSITY OF THE THREE-FACTOR GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   0   U3 =   0

THETA=	.45000+001	.46000+001	.47000+001	.48000+001	.49000+001
-I-			P(I)		
0	.11787+000	.11456+000	.11138+000	.10832+000	.10538+000
1	.53042+000	.52696+000	.52347+000	.51994+000	.51637+000
2	.29836+000	.30300+000	.30754+000	.31196+000	.31628+000
3	.49727-001	.51623-001	.53534-001	.55460-001	.57398-001
4	.34964-002	.37104-002	.39314-002	.41595-002	.43946-002
5	.12587-003	.13654-003	.14782-003	.15972-003	.17227-003
H =	.84839+001	.87292+001	.89786+001	.92319+001	.94893+001

THETA=	.50000+001	.52000+001	.54000+001	.56000+001	.58000+001
-I-			P(I)		
0	.10256+000	.97219-001	.92266-001	.87652-001	.83375-001
1	.51278+000	.50554+000	.49824+000	.49091+000	.48357+000
2	.32049+000	.32860+000	.33631+000	.34364+000	.35059+000
3	.59390-001	.63286-001	.67262-001	.71272-001	.75312-001
4	.46367-002	.51420-002	.56752-002	.62363-002	.68251-002
5	.18547-003	.21391-003	.24517-003	.27939-003	.31669-003
6		.51496-005	.61292-005	.72434-005	.85036-005
H =	.97508+001	.10286+002	.10838+002	.11407+002	.11994+002

THETA=	.60000+001	.62000+001	.64000+001	.66000+001	.68000+001
-I-			P(I)		
0	.79375-001	.75639-001	.72143-001	.68867-001	.65794-001
1	.47625+000	.46896+000	.46171+000	.45452+000	.44740+000
2	.35719+000	.36344+000	.36937+000	.37498+000	.38029+000
3	.79375-001	.83458-001	.87555-001	.91662-001	.95776-001
4	.74414-002	.80850-002	.87555-002	.94526-002	.10176-001
5	.35719-003	.40101-003	.44828-003	.49910-003	.55358-003
6	.99219-005	.11511-004	.13282-004	.15250-004	.17428-004
H =	.12598+002	.13221+002	.13861+002	.14521+002	.15199+002

THETA=	.70000+001	.72000+001	.74000+001	.76000+001	.78000+001
-I-			P(I)		
0	.62906-001	.60190-001	.57633-001	.55222-001	.52946-001
1	.44034+000	.43337+000	.42648+000	.41968+000	.41298+000
2	.38530+000	.39003+000	.39450+000	.39870+000	.40266+000
3	.99893-001	.10401+000	.10812+000	.11223+000	.11632+000
4	.10926-001	.11701-001	.12502-001	.13327-001	.14177-001
5	.61184-003	.67398-003	.74009-003	.81028-003	.88464-003
6	.19828-004	.22466-004	.25355-004	.28510-004	.31943-004
H =	.15897+002	.16614+002	.17351+002	.18109+002	.18887+002

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 0   U3 = 0

THETA=	.80000+001	.82000+001	.84000+001	.86000+001	.88000+001
-I-			P(I)		
0	.50797-001	.48764-001	.46840-001	.45017-001	.43289-001
1	.40637+000	.39986+000	.39346+000	.38715+000	.38094+000
2	.40637+000	.40986+000	.41313+000	.41618+000	.41904+000
3	.12041+000	.12448+000	.12853+000	.13256+000	.13658+000
4	.15051-001	.15949-001	.16869-001	.17813-001	.18779-001
5	.96325-003	.10462-002	.11336-002	.12255-002	.13220-002
6	.35676-004	.39718-004	.44085-004	.48795-004	.53862-004
H =	.19686+002	.20507+002	.21349+002	.22214+002	.23101+002

THETA=	.90000+001	.92000+001	.94000+001	.96000+001	.98000+001
-I-			P(I)		
0	.41649-001	.40091-001	.38611-001	.37203-001	.35862-001
1	.37484+000	.36884+000	.36294+000	.35715+000	.35145+000
2	.42170+000	.42417+000	.42646+000	.42858+000	.43033+000
3	.14057+000	.14453+000	.14847+000	.15238+000	.15627+000
4	.19767-001	.20776-001	.21807-001	.22857-001	.23928-001
5	.14232-002	.15291-002	.16399-002	.17554-002	.18760-002
6	.59301-004	.65130-004	.71364-004	.78020-004	.85114-004
H =	.24010+002	.24943+002	.25899+002	.26880+002	.27884+002

THETA=	.10000+002	.10200+002	.10400+002	.10600+002	.10800+002
-I-			P(I)		
0	.34586-001	.33369-001	.32208-001	.31101-001	.30043-001
1	.34586+000	.34036+000	.33497+000	.32967+000	.32446+000
2	.43232+000	.43396+000	.43546+000	.43681+000	.43803+000
3	.16012+000	.16394+000	.16773+000	.17149+000	.17521+000
4	.25019-001	.26128-001	.27256-001	.28403-001	.29567-001
5	.20015-002	.21321-002	.22677-002	.24085-002	.25546-002
6	.92662-004	.10068-003	.10919-003	.11820-003	.12773-003
H =	.28914+002	.29968+002	.31048+002	.32154+002	.33286+002

THETA=	.11000+002	.11200+002	.11400+002	.11600+002	.11800+002
-I-			P(I)		
0	.29032-001	.28066-001	.27142-001	.26257-001	.25410-001
1	.31936+000	.31434+000	.30942+000	.30459+000	.29984+000
2	.43912+000	.44008+000	.44092+000	.44165+000	.44227+000
3	.17890+000	.18255+000	.18617+000	.18975+000	.19329+000
4	.30748-001	.31946-001	.33161-001	.34391-001	.35637-001
5	.27098-002	.28624-002	.30243-002	.31915-002	.33642-002
6	.13780-003	.14842-003	.15961-003	.17140-003	.18378-003
7			.53050-005	.57965-005	.63226-005
H =	.34444+002	.35630+002	.36843+002	.38084+002	.39354+002

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   0   U3 =   0

THETA=	.12000+002	.12200+002	.12400+002	.12600+002	.12800+002
-I-			-P(I)-		
0	.24599-001	.23821-001	.23075-001	.22359-001	.21672-001
1	.29519+000	.29062+000	.28613+000	.28173+000	.27741+000
2	.44278+000	.44319+000	.44350+000	.44372+000	.44385+000
3	.19679+000	.20026+000	.20368+000	.20707+000	.21042+000
4	.35898-001	.38174-001	.39463-001	.40767-001	.42083-001
5	.35422-002	.37258-002	.39148-002	.41093-002	.43093-002
6	.19679-003	.21044-003	.22474-003	.23971-003	.25537-003
7	.68848-005	.74849-005	.81246-005	.88056-005	.95298-005
H =	.40652+002	.41980+002	.43537+002	.44724+002	.46142+002

THETA=	.13000+002	.13200+002	.13400+002	.13600+002	.13800+002
-I-			-P(I)-		
0	.21013-001	.20379-001	.19770-001	.19184-001	.18620-001
1	.27316+000	.26900+000	.26491+000	.26090+000	.25696+000
2	.44389+000	.44385+000	.44373+000	.44353+000	.44326+000
3	.21372+000	.21699+000	.22022+000	.22341+000	.22655+000
4	.43413-001	.44735-001	.46109-001	.47474-001	.48851-001
5	.45149-002	.47261-002	.49428-002	.51652-002	.53931-002
6	.27173-003	.28882-003	.30664-003	.32522-003	.34456-003
7	.10299-004	.11115-004	.11980-004	.12895-004	.13863-004
H =	.47591+002	.49071+002	.50583+002	.52127+002	.53704+002

THETA=	.14000+002	.14200+002	.14400+002	.14600+002	.14800+002
-I-			-P(I)-		
0	.18078-001	.17556-001	.17054-001	.16570-001	.16103-001
1	.25310+000	.24930+000	.24558+000	.24192+000	.23833+000
2	.44292+000	.44251+000	.44204+000	.44150+000	.44091+000
3	.22966+000	.23273+000	.23575+000	.23874+000	.24168+000
4	.50238-001	.51636-001	.53044-001	.54462-001	.55889-001
5	.56267-002	.58659-002	.61107-002	.63612-002	.66173-002
6	.36469-003	.38563-003	.40738-003	.42997-003	.45340-003
7	.14885-004	.15965-004	.17103-004	.18302-004	.19564-004
H =	.55315+002	.56959+002	.58638+002	.60351+002	.62099+002

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   0   U3 =   0

THETA=	.15000+002	.15500+002	.16000+002	.16500+002	.17000+002
-I-			P(I)		
0	.15654-001	.14598-001	.13632-001	.12746-001	.11933-001
1	.23480+000	.22627+000	.21811+000	.21031+000	.20286+000
2	.44025+000	.43839+000	.43622+000	.43377+000	.43108+000
3	.24459+000	.25167+000	.25850+000	.26508+000	.27142+000
4	.57325-001	.60951-001	.64625-001	.68342-001	.72096-001
5	.68790-002	.75579-002	.82720-002	.90211-002	.98050-002
6	.47771-003	.54235-003	.61274-003	.68911-003	.77169-003
7	.20891-004	.24509-004	.28583-004	.33150-004	.38247-004
H =	.63883+002	.68503+002	.73358+002	.78454+002	.83802+002

THETA=	.17500+002	.18000+002	.18500+002	.19000+002	.19500+002
-I-			P(I)		
0	.11185-001	.10495-001	.98585-002	.92702-002	.87255-002
1	.19573+000	.18891+000	.18238+000	.17613+000	.17015+000
2	.42816+000	.42505+000	.42176+000	.41832+000	.41473+000
3	.27751+000	.28337+000	.28898+000	.29437+000	.29953+000
4	.75882-001	.79697-001	.83534-001	.87391-001	.91263-001
5	.10623-001	.11476-001	.12363-001	.13283-001	.14237-001
6	.86070-003	.95636-003	.10589-002	.11685-002	.12853-002
7	.43913-004	.50188-004	.57111-004	.64725-004	.73070-004
H =	.89409+002	.95283+002	.10144+003	.10787+003	.11461+003

THETA=	.20000+002	.21000+002	.22000+002	.23000+002	.24000+002
-I-			P(I)		
0	.82207-002	.73166-002	.65339-002	.58532-002	.52588-002
1	.16441+000	.15365+000	.14375+000	.13462+000	.12621+000
2	.41103+000	.40333+000	.39530+000	.38704+000	.37863+000
3	.30447+000	.31370+000	.32210+000	.32970+000	.33656+000
4	.95146-001	.10293+000	.11072+000	.11849+000	.12621+000
5	.15223-001	.17293-001	.19487-001	.21802-001	.24233-001
6	.14096-002	.16812-002	.19848-002	.23215-002	.26925-002
7	.82191-004	.10293-003	.12730-003	.15567-003	.18840-003
8			.54700-005	.69929-005	.88311-005
H =	.12164+003	.13668+003	.15305+003	.17085+003	.19016+003

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   0   U3 =   0

THETA=	.25000+002	.30000+002	.35000+002	.40000+002	.45000+002
-I-			—P(I)—		
0	.47376-002	.29130-002	.19796-002	.12593-002	.86967-003
1	.11844+000	.87390-001	.65786-001	.50371-001	.39135-001
2	.37013+000	.32771+000	.28781+000	.25186+000	.22014+000
3	.34271+000	.36412+000	.37309+000	.37312+000	.36689+000
4	.13387+000	.17068+000	.20403+000	.23320+000	.25797+000
5	.26774-001	.40964-001	.57129-001	.74624-001	.92870-001
6	.30989-002	.56894-002	.92571-002	.13819-001	.19348-001
7	.22587-003	.49762-003	.94460-003	.16116-002	.25384-002
8	.11029-004	.29157-004	.64572-004	.12591-003	.22310-003
9				.69084-005	.13771-004
H =	.21108+003	.34329+003	.53203+003	.79410+003	.11499+004

THETA=	.50000+002	.55000+002	.60000+002	.65000+002	.70000+002
-I-			—P(I)—		
0	.61585-003	.44543-003	.32807-003	.24546-003	.18621-003
1	.30793-001	.24499-001	.19684-001	.15955-001	.13035-001
2	.19245+000	.16843+000	.14763+000	.12963+000	.11406+000
3	.35640+000	.34310+000	.32807+000	.31208+000	.29570+000
4	.27843+000	.29485+000	.30756+000	.31696+000	.32342+000
5	.11137+000	.12973+000	.14763+000	.16482+000	.18112+000
6	.25781-001	.33034-001	.41008-001	.49598-001	.58695-001
7	.37582-002	.52970-002	.71735-002	.93991-002	.11979-001
8	.36701-003	.56901-003	.84064-003	.11932-002	.16377-002
9	.25172-004	.42930-004	.69189-004	.10639-003	.15726-003
10				.69156-005	.11009-004
H =	.16238+004	.22450+004	.30482+004	.40740+004	.53702+004

THETA=	.75000+002	.80000+002	.85000+002	.90000+002	.95000+002
-I-			—P(I)—		
0	.14301-003	.11104-003	.87079-004	.68900-004	.54963-004
1	.10726-001	.88835-002	.74017-002	.62010-002	.52215-002
2	.10056+000	.88835-001	.78643-001	.69761-001	.62005-001
3	.27932+000	.26322+000	.24758+000	.23254+000	.21817+000
4	.32733+000	.32902+000	.32882+000	.32701+000	.32384+000
5	.19640+000	.21057+000	.22360+000	.23544+000	.24612+000
6	.68193-001	.77990-001	.87989-001	.98102-001	.10825+000
7	.14911-001	.18190-001	.21805-001	.25741-001	.29981-001
8	.21842-002	.28422-002	.36200-002	.45248-002	.55629-002
9	.22472-003	.31190-003	.42208-003	.55862-003	.72493-003
10	.16854-004	.24952-004	.35877-004	.50275-004	.68868-004
11					.49155-005
H =	.69924+004	.90054+004	.11484+005	.14514+005	.18194+005

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 0 U3 = 0

THETA= .10000+003

-I-	----------P(I)----------
0	.44174-004
1	.44174-002
2	.55218-001
3	.2U451+000
4	.31955+000
5	.25564+000
6	.11835+000
7	.34505-001
8	.67392-002
9	.92445-003
10	.92445-004
11	.69495-005
H =	.22637+005

U2 = 1 U3 = 0

THETA=	.00000+000	.10000-001	.20000-001	.30000-001	.40000-001
-I-			-P(I)-		
0	.10000+001	.99502+000	.99008+000	.98519+000	.98033+000
1		.49751-002	.99008-002	.14778-001	.19607-001
2			.15501-004	.36944-004	.65355-004
H =	.10000+001	.10050+001	.10100+001	.10150+001	.10201+001

THETA=	.50000-001	.60000-001	.70000-001	.80000-001	.90000-001
-I-			-P(I)-		
0	.97551+000	.97073+000	.96599+000	.96129+000	.95663+000
1	.24388-001	.29122-001	.33810-001	.38452-001	.43048-001
2	.10162-003	.14561-003	.19722-003	.25634-003	.32286-003
H =	.10251+001	.10301+001	.10352+001	.10403+001	.10453+001

THETA=	.10000+000	.11000+000	.12000+000	.13000+000	.14000+000
-I-			-P(I)-		
0	.95200+000	.94741+000	.94286+000	.93834+000	.93385+000
1	.47600-001	.52108-001	.56572-001	.60992-001	.65370-001
2	.39667-003	.47765-003	.56572-003	.66075-003	.76266-003
H =	.10504+001	.10555+001	.10606+001	.10657+001	.10708+001

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   I   U3 =   0

THETA=	.15000+000	.16000+000	.17000+000	.18000+000	.19000+000
-I-			--P(I)--		
0	.92942+000	.92501+000	.92063+000	.91629+000	.91198+000
1	.69706-001	.74001-001	.78254-001	.82466-001	.86638-001
2	.87133-003	.98668-003	.11086-002	.12370-002	.13718-002
3			.52350-005	.61890-005	.72399-005
H =	.10759+001	.10811+001	.10862+001	.10914+001	.10965+001

THETA=	.20000+000	.21000+000	.22000+000	.23000+000	.24000+000
-I-			--P(I)--		
0	.90771+000	.90347+000	.89926+000	.89508+000	.89094+000
1	.90771-001	.94864-001	.98918-001	.10293+000	.10691+000
2	.15128-002	.16601-002	.18135-002	.19729-002	.21382-002
3	.84047-005	.96840-005	.11083-004	.12605-004	.14255-004
H =	.11017+001	.11068+001	.11120+001	.11172+001	.11224+001

THETA=	.25000+000	.26000+000	.27000+000	.28000+000	.29000+000
-I-			--P(I)--		
0	.88682+000	.88274+000	.87869+000	.87467+000	.87068+000
1	.11085+000	.11476+000	.11862+000	.12245+000	.12625+000
2	.23094-002	.24864-002	.26690-002	.28572-002	.30510-002
3	.16038-004	.17957-004	.20018-004	.22223-004	.24577-004
H =	.11276+001	.11328+001	.11381+001	.11433+001	.11485+001

THETA=	.30000+000	.31000+000	.32000+000	.33000+000	.34000+000
-I-			--P(I)--		
0	.86672+000	.86278+000	.85888+000	.85501+000	.85115+000
1	.13001+000	.13373+000	.13742+000	.14108+000	.14470+000
2	.32502-002	.34547-002	.36646-002	.38796-002	.40998-002
3	.27085-004	.29749-004	.32574-004	.35563-004	.38720-004
H =	.11538+001	.11590+001	.11643+001	.11696+001	.11749+001

THETA=	.35000+000	.36000+000	.37000+000	.38000+000	.39000+000
-I-			--P(I)--		
0	.84735+000	.84356+000	.83980+000	.83606+000	.83236+000
1	.14829+000	.15184+000	.15536+000	.15885+000	.16231+000
2	.43250-002	.45552-002	.47903-002	.50303-002	.52751-002
3	.42049-004	.45552-004	.49234-004	.53098-004	.57147-004
H =	.11802+001	.11855+001	.11908+001	.11961+001	.12014+001

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$$U2 = 1 \qquad U3 = 0$$

THETA=	.40000+000	.41000+000	.42000+000	.43000+000	.44000+000
-I-			-P(I)-		
0	.82868+000	.82503+000	.82140+000	.81780+000	.81422+000
1	.16574+000	.16913+000	.17249+000	.17583+000	.17913+000
2	.55245-002	.57786-002	.60373-002	.63004-002	.65681-002
3	.61384-004	.65812-004	.70435-004	.75255-004	.80276-004
H =	.12067+001	.12121+001	.12174+001	.12228+001	.12282+001

THETA=	.45000+000	.46000+000	.47000+000	.48000+000	.49000+000
-I-			-P(I)-		
0	.81067+000	.80715+000	.80365+000	.80017+000	.79672+000
1	.18240+000	.18564+000	.18886+000	.19204+000	.19520+000
2	.68401-002	.71164-002	.73969-002	.76817-002	.79706-002
3	.85501-004	.90931-004	.96571-004	.10242-003	.10849-003
H =	.12335+001	.12389+001	.12443+001	.12497+001	.12551+001

THETA=	.50000+000	.60000+000	.70000+000	.80000+000	.90000+000
-I-			-P(I)-		
0	.79330+000	.76031+000	.72949+000	.70064+000	.67358+000
1	.19832+000	.22809+000	.25532+000	.28026+000	.30311+000
2	.82635-002	.11405-001	.14894-001	.18684-001	.22733-001
3	.11477-003	.19008-003	.28960-003	.41519-003	.56833-003
4					.63938-005
H =	.12606+001	.13153+001	.13708+001	.14273+001	.14846+001

THETA=	.10000+001	.11000+001	.12000+001	.13000+001	.14000+001
-I-			-P(I)-		
0	.64816+000	.62423+000	.60167+000	.58038+000	.56026+000
1	.32408+000	.34333+000	.36100+000	.37725+000	.39218+000
2	.27006-001	.31471-001	.36100-001	.40869-001	.45754-001
3	.75018-003	.96163-003	.12033-002	.14758-002	.17793-002
4	.93773-005	.13222-004	.18050-004	.23982-004	.31138-004
H =	.15428+001	.16020+001	.16620+001	.17230+001	.17849+001

THETA=	.15000+001	.16000+001	.17000+001	.18000+001	.19000+001
-I-			-P(I)-		
0	.54120+000	.52315+000	.50602+000	.48974+000	.47426+000
1	.40590+000	.41852+000	.43011+000	.44077+000	.45055+000
2	.50738-001	.55803-001	.60933-001	.66115-001	.71337-001
3	.21141-002	.24801-002	.28774-002	.33057-002	.37650-002
4	.39639-004	.49602-004	.61144-004	.74379-004	.89419-004
H =	.18477+001	.19115+001	.19762+001	.20419+001	.21085+001

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   I   U3 =   0

THETA=	.20000+001	.21000+001	.22000+001	.23000+001	.24000+001
-I-			--P(I)--		
0	.45952+000	.44548+000	.43209+000	.41930+000	.40709+000
1	.45952+000	.46776+000	.47530+000	.48220+000	.48850+000
2	.76587-001	.81858-001	.87138-001	.92421-001	.97700-001
3	.42549-002	.47750-002	.53251-002	.59047-002	.65134-002
4	.10637-003	.12534-003	.14644-003	.16976-003	.19540-003
H =	.21762+001	.22448+001	.23143+001	.23849+001	.24565+001

THETA=	.25000+001	.26000+001	.27000+001	.28000+001	.29000+001
-I-			--P(I)--		
0	.39540+000	.38422+000	.37351+000	.36324+000	.35340+000
1	.49425+000	.49948+000	.50424+000	.50854+000	.51242+000
2	.10297+000	.10822+000	.11345+000	.11866+000	.12384+000
3	.71506-002	.78160-002	.85090-002	.92291-002	.99757-002
4	.22346-003	.25402-003	.28718-003	.32302-003	.36162-003
5			.51692-005	.60296-005	.69913-005
H =	.25291+001	.26027+001	.26773+001	.27530+001	.28297+001

THETA=	.30000+001	.31000+001	.32000+001	.33000+001	.34000+001
-I-			--P(I)--		
0	.34394+000	.33487+000	.32614+000	.31775+000	.30968+000
1	.51592+000	.51904+000	.52183+000	.52429+000	.52646+000
2	.12898+000	.13409+000	.13915+000	.14418+000	.14916+000
3	.10748-001	.11546-001	.12369-001	.13217-001	.14088-001
4	.40306-003	.44742-003	.49477-003	.54518-003	.59872-003
5	.80612-005	.92467-005	.10555-004	.11994-004	.13571-004
H =	.29074+001	.29863+001	.30661+001	.31471+001	.32291+001

THETA=	.35000+001	.36000+001	.37000+001	.38000+001	.39000+001
-I-			--P(I)--		
0	.30191+000	.29442+000	.28721+000	.28025+000	.27353+000
1	.52834+000	.52996+000	.53133+000	.53247+000	.53339+000
2	.15410+000	.15899+000	.16383+000	.16862+000	.17335+000
3	.14982-001	.15899-001	.16838-001	.17798-001	.18780-001
4	.65546-003	.71544-003	.77875-003	.84542-003	.91552-003
5	.15294-004	.17171-004	.19209-004	.21417-004	.23803-004
H =	.33123+001	.33965+001	.34818+001	.35683+001	.36558+001

#1201

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   1   U3 =   0

THETA=	.40000+001	.41000+001	.42000+001	.43000+001	.44000+001
-I-			---P(I)---		
0	.26706+000	.26080+000	.25475+000	.24891+000	.24326+000
1	.53411+000	.53464+000	.53498+000	.53515+000	.53517+000
2	.17804+000	.18267+000	.18724+000	.19176+000	.19623+000
3	.19782-001	.20804-001	.21845-001	.22905-001	.23984-001
4	.98909-003	.10662-002	.11469-002	.12312-002	.13191-002
5	.26375-004	.29143-004	.32112-004	.35293-004	.38693-004
H =	.37445+001	.38344+001	.39254+001	.40175+001	.41108+001

THETA=	.45000+001	.46000+001	.47000+001	.48000+001	.49000+001
-I-			---P(I)---		
0	.23779+000	.23250+000	.22738+000	.22242+000	.21762+000
1	.53503+000	.53476+000	.53435+000	.53382+000	.53316+000
2	.20064+000	.20499+000	.20929+000	.21353+000	.21771+000
3	.25080-001	.26193-001	.27324-001	.28470-001	.29633-001
4	.14107-002	.15061-002	.16053-002	.17082-002	.18150-002
5	.42322-004	.46187-004	.50298-004	.54663-004	.59290-004
H =	.42053+001	.43010+001	.43979+001	.44959+001	.45952+001

THETA=	.50000+001	.52000+001	.54000+001	.56000+001	.58000+001
-I-			---P(I)---		
0	.21296+000	.20407+000	.19569+000	.18780+000	.18036+000
1	.53240+000	.53057+000	.52838+000	.52585+000	.52304+000
2	.22183+000	.22992+000	.23777+000	.24540+000	.25280+000
3	.30810-001	.33210-001	.35665-001	.38173-001	.40729-001
4	.19256-002	.21586-002	.24074-002	.26721-002	.29529-002
5	.64188-004	.74833-004	.86667-004	.99759-004	.11418-003
H =	.46957+001	.49004+001	.51100+001	.53247+001	.55445+001

THETA=	.60000+001	.62000+001	.64000+001	.66000+001	.68000+001
-I-			---P(I)---		
0	.17332+000	.16667+000	.16037+000	.15441+000	.14874+000
1	.51997+000	.51668+000	.51320+000	.50954+000	.50573+000
2	.25999+000	.26695+000	.27371+000	.28025+000	.28658+000
3	.43331-001	.45975-001	.48659-001	.51379-001	.54132-001
4	.32498-002	.35631-002	.38927-002	.42387-002	.46012-002
5	.12999-003	.14727-003	.16609-003	.18650-003	.20859-003
6					.56286-005
H =	.57695+001	.59998+001	.62354+001	.64764+001	.67230+001

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   1   U3 =   0

THETA=	.70000+001	.72000+001	.74000+001	.76000+001	.78000+001
-I-			P(I)		
0	.14337+000	.13825+000	.13340+000	.12877+000	.12437+000
1	.50179+000	.49773+000	.49358+000	.48934+000	.48503+000
2	.29271+000	.29864+000	.30437+000	.30992+000	.31527+000
3	.56916-001	.59728-001	.62566-001	.65427-001	.68309-001
4	.49801-002	.53755-002	.57873-002	.62156-002	.66601-002
5	.23241-003	.25802-003	.28551-003	.31492-003	.34633-003
6	.64557-005	.73721-005	.93840-005	.94976-005	.10720-004
H =	.69751+001	.72328+001	.74963+001	.77655+001	.80407+001

THETA=	.80000+001	.82000+001	.84000+001	.86000+001	.88000+001
-I-			P(I)		
0	.12017+000	.11616+000	.11233+000	.10868+000	.10518+000
1	.48067+000	.47625+000	.47179+000	.46731+000	.46280+000
2	.32044+000	.32544+000	.33026+000	.33490+000	.33938+000
3	.71210-001	.74127-001	.77060-001	.80005-001	.82960-001
4	.71210-002	.75981-002	.80913-002	.86005-002	.91256-002
5	.37979-003	.41536-003	.45311-003	.49309-003	.53537-003
6	.12057-004	.13516-004	.15104-004	.16828-004	.18695-004
H =	.83218+001	.86089+001	.89022+001	.92017+001	.95074+001

THETA=	.90000+001	.92000+001	.94000+001	.96000+001	.98000+001
-I-			P(I)		
0	.10184+000	.98637-001	.95572-001	.92635-001	.89819-001
1	.45827+000	.45373+000	.44919+000	.44465+000	.44011+000
2	.34370+000	.34785+000	.35186+000	.35572+000	.35943+000
3	.85925-001	.88898-001	.91875-001	.94858-001	.97844-001
4	.96666-002	.10223-001	.10795-001	.11383-001	.11986-001
5	.58000-003	.62702-003	.67651-003	.72851-003	.78307-003
6	.20714-004	.22891-004	.25235-004	.27753-004	.30453-004
H =	.93196+001	.10138+002	.10463+002	.10795+002	.11134+002

THETA=	.10000+002	.10200+002	.10400+002	.10600+002	.10800+002
-I-			P(I)		
0	.87117-001	.84524-001	.82034-001	.79641-001	.77342-001
1	.43559+000	.43107+000	.42658+000	.42210+000	.41765+000
2	.36299+000	.36641+000	.36970+000	.37285+000	.37588+000
3	.10083+000	.10382+000	.10680+000	.10979+000	.11276+000
4	.12604-001	.13237-001	.13884-001	.14547-001	.15223-001
5	.84025-003	.90009-003	.96264-003	.10280-002	.10961-002
6	.33343-004	.36432-004	.39728-004	.43239-004	.46974-004
H =	.11479+002	.11831+002	.12190+002	.12556+002	.12930+002

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 1   U3 = 0

THETA=	.11000+002	.11200+002	.11400+002	.11600+002	.11800+002
-I-			------P(I)------		
0	.75130-001	.73002-001	.70955-001	.68982-001	.67083-001
1	.41322+000	.40881+000	.40444+000	.40010+000	.39579+000
2	.37878+000	.38156+000	.38422+000	.38676+000	.38919+000
3	.11574+000	.11871+000	.12167+000	.12462+000	.12757+000
4	.15914-001	.16619-001	.17338-001	.18070-001	.18816-001
5	.11670-002	.12409-002	.13177-002	.13974-002	.14802-002
6	.50942-004	.55151-004	.59609-004	.64327-004	.69312-004
H =	.13310+002	.13698+002	.14094+002	.14496+002	.14907+002

THETA=	.12000+002	.12200+002	.12400+002	.12600+002	.12800+002
-I-			------P(I)------		
0	.65252-001	.63487-001	.61785-001	.60143-001	.58558-001
1	.39151+000	.38727+000	.38307+000	.37890+000	.37477+000
2	.39151+000	.39373+000	.39584+000	.39784+000	.39975+000
3	.13050+000	.13343+000	.13634+000	.13925+000	.14213+000
4	.19576-001	.20348-001	.21133-001	.21931-001	.22742-001
5	.15661-002	.16550-002	.17470-002	.18422-002	.19406-002
6	.74574-004	.80122-004	.85964-004	.92111-004	.98571-004
H =	.15325+002	.15751+002	.16195+002	.16627+002	.17077+002

THETA=	.13000+002	.13200+002	.13400+002	.13600+002	.13800+002
-I-			------P(I)------		
0	.57027-001	.55549-001	.54122-001	.52742-001	.51407-001
1	.37068+000	.36663+000	.36261+000	.35864+000	.35471+000
2	.40157+000	.40329+000	.40492+000	.40646+000	.40792+000
3	.14501+000	.14787+000	.15072+000	.15355+000	.15637+000
4	.23564-001	.24399-001	.25246-001	.26104-001	.26974-001
5	.20422-002	.21471-002	.22553-002	.23667-002	.24816-002
6	.10535-003	.11247-003	.11992-003	.12773-003	.13590-003
H =	.17535+002	.18002+002	.18477+002	.18960+002	.19452+002

THETA=	.14000+002	.14200+002	.14400+002	.14600+002	.14800+002
-I-			------P(I)------		
0	.50117-001	.48869-001	.47661-001	.46492-001	.45361-001
1	.35082+000	.34697+000	.34316+000	.33939+000	.33567+000
2	.40929+000	.41058+000	.41179+000	.41293+000	.41399+000
3	.15917+000	.16195+000	.16472+000	.16747+000	.17020+000
4	.27854-001	.28746-001	.29649-001	.30563-001	.31486-001
5	.25998-002	.27213-002	.28463-002	.29748-002	.31067-002
6	.14443-003	.15334-003	.16265-003	.17235-003	.18245-003
7	.51582-005	.55548-005	.59748-005	.64190-005	.68086-005
H =	.19953+002	.20463+002	.20981+002	.21509+002	.22046+002

DENSITY OF THE THREE-FACTOR GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 1   U3 = 0

THETA=	.15000+002	.15500+002	.16000+002	.16500+002	.17000+002
-I-			—P(I)—		
0	.44265-001	.41671-001	.39272-001	.37049-001	.34986-001
1	.33198+000	.32295+000	.31418+000	.30565+000	.29738+000
2	.41498+000	.41715+000	.41890+000	.42027+000	.42129+000
3	.17291+000	.17960+000	.18618+000	.19263+000	.19894+000
4	.32420-001	.34798-001	.37236-001	.39729-001	.42275-001
5	.32420-002	.35958-002	.39718-002	.43702-002	.47912-002
6	.19298-003	.22117-003	.25218-003	.28614-003	.32321-003
7	.73844-005	.87453-005	.10293-004	.12044-004	.14017-004
H =	.22591+002	.23997+002	.25463+002	.26991+002	.28583+002

THETA=	.17500+002	.18000+002	.18500+002	.19000+002	.19500+002
-I-			—P(I)—		
0	.33069-001	.31285-001	.29622-001	.28071-001	.26623-001
1	.28935+000	.28156+000	.27401+000	.26668+000	.25957+000
2	.42197+000	.42234+000	.42243+000	.42224+000	.42181+000
3	.20512+000	.21117+000	.21708+000	.22285+000	.22848+000
4	.44871-001	.47513-001	.50200-001	.52927-001	.55692-001
5	.52349-002	.57016-002	.61913-002	.67040-002	.72399-002
6	.36354-003	.40726-003	.45452-003	.50546-003	.56023-003
7	.16229-004	.18701-004	.21451-004	.24499-004	.27869-004
H =	.30240+002	.31965+002	.33758+002	.35623+002	.37562+002

THETA=	.20000+002	.21000+002	.22000+002	.23000+002	.24000+002
-I-			—P(I)—		
0	.25268-001	.22812-001	.20651-001	.18743-001	.17052-001
1	.25268+000	.23953+000	.22717+000	.21554+000	.20462+000
2	.42114+000	.41918+000	.41647+000	.41313+000	.40924+000
3	.23397+000	.24452+000	.25451+000	.26394+000	.27282+000
4	.58492-001	.64186-001	.69990-001	.75883-001	.81847-001
5	.77989-002	.89861-002	.10265-001	.11635-001	.13096-001
6	.61896-003	.74884-003	.89617-003	.10620-002	.12472-002
7	.31580-004	.40116-004	.50295-004	.62309-004	.76359-004
H =	.39575+002	.43836+002	.48423+002	.53353+002	.58646+002

#1201

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   1   U3 =   0

THETA=	.25000+002	.30000+002	.35000+002	.40000+002	.45000+002
-I-	-----------	------------	---P(I)-----	------------	-----------
0	.15547-001	.10089-001	.68161-002	.47530-002	.34009-002
1	.19434+000	.15134+000	.11928+000	.95060-001	.76520-001
2	.40488+000	.37835+000	.34790+000	.31687+000	.28695+000
3	.29117+000	.31529+000	.33824+000	.35207+000	.35869+000
4	.87865-001	.11824+000	.14798+000	.17604+000	.20176+000
5	.14644-001	.23647-001	.34529-001	.46943-001	.60528-001
6	.14528-002	.28151-002	.47956-002	.74513-002	.10809-001
7	.92653-004	.21544-003	.42818-003	.76034-003	.12408-002
8		.11221-004	.26018-004	.52801-004	.96937-004
9					.53854-005
H =	.64319+002	.99114+002	.14671+003	.21039+003	.29404+003

THETA=	.50000+002	.55000+002	.60000+002	.65000+002	.70000+002
-I-	-----------	------------	---P(I)-----	------------	-----------
0	.24862-002	.18505-002	.13998-002	.10732-002	.83280-003
1	.62155-001	.50901-001	.41993-001	.34879-001	.29148-001
2	.25898+000	.23329+000	.20997+000	.18893+000	.17003+000
3	.35969+000	.35642+000	.34995+000	.34112+000	.33061+000
4	.22481+000	.24504+000	.26246+000	.27716+000	.28929+000
5	.74936-001	.89848-001	.10498+000	.12010+000	.13500+000
6	.14868-001	.19610-001	.24996-001	.30979-001	.37500-001
7	.18965-002	.27514-002	.38259-002	.51368-002	.66965-002
8	.16462-003	.26272-003	.39853-003	.57967-003	.81381-003
9	.10162-004	.17839-004	.29521-004	.46517-004	.70329-004
H =	.40222+003	.54027+003	.71440+003	.93180+003	.12008+004

THETA=	.75000+002	.80000+002	.85000+002	.90000+002	.95000+002
-I-	-----------	------------	---P(I)-----	------------	-----------
0	.55324-003	.51737-003	.41334-003	.33285-003	.26999-003
1	.24497-001	.20695-001	.17567-001	.14979-001	.12825-001
2	.15310+000	.13797+000	.12443+000	.11234+000	.10153+000
3	.31897+000	.30659+000	.29380+000	.28085+000	.26792+000
4	.29903+000	.30659+000	.31216+000	.31596+000	.31816+000
5	.14952+000	.16351+000	.17689+000	.18957+000	.20150+000
6	.44499-001	.51909-001	.59666-001	.67705-001	.75962-001
7	.85138-002	.10594-001	.12938-001	.15544-001	.18409-001
8	.11086-002	.14714-002	.19092-002	.24288-002	.30362-002
9	.10265-003	.14532-003	.20035-003	.26987-003	.35610-003
10	.69985-005	.10569-004	.15482-004	.22080-004	.30754-004
H =	.15308+004	.19329+004	.24193+004	.30043+004	.37038+004

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   1   U3 =   0

THETA= .10000+003

-I-	P(I)
0	.22046-003
1	.11023-001
2	.91858-001
3	.25516+000
4	.31895+000
5	.21264+000
6	.84379-001
7	.21525-001
8	.37370-002
9	.46136-003
10	.41942-004
H =	.45360+004

U2 =   1   U3 =   1

THETA=	.00000+000	.10000-001	.20000-001	.30000-001	.40000-001
-I-			P(I)		
0	.10000+001	.99750+000	.99502+000	.99254+000	.99008+000
1		.24938-002	.49751-002	.74441-002	.99008-002
2			.55279-005	.12407-004	.22002-004
H =	.10000+001	.10025+001	.10050+001	.10075+001	.10100+001

THETA=	.50000-001	.60000-001	.70000-001	.80000-001	.90000-001
-I-			P(I)		
0	.98762+000	.98517+000	.98274+000	.98031+000	.97789+000
1	.12345-001	.14778-001	.17198-001	.19606-001	.22002-001
2	.34292-004	.49259-004	.66881-004	.87138-004	.11001-003
H =	.10125+001	.10150+001	.10176+001	.10201+001	.10226+001

THETA=	.10000+000	.11000+000	.12000+000	.13000+000	.14000+000
-I-			P(I)		
0	.97548+000	.97308+000	.97068+000	.96830+000	.96593+000
1	.24387-001	.26760-001	.29121-001	.31470-001	.33808-001
2	.13548-003	.16353-003	.19414-003	.22728-003	.26295-003
H =	.10251+001	.10277+001	.10302+001	.10327+001	.10353+001

THETA=	.15000+000	.16000+000	.17000+000	.18000+000	.19000+000
-I-			P(I)		
0	.96356+000	.96121+000	.95886+000	.95652+000	.95420+000
1	.36134-001	.38448-001	.40752-001	.43044-001	.45324-001
2	.30111-003	.34176-003	.38488-003	.43044-003	.47842-003
H =	.10378+001	.10404+001	.10429+001	.10455+001	.10480+001

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   1   U3 =   1

THETA=	.20000+000	.21000+000	.22000+000	.23000+000	.24000+000
-I-	------------	------------	---P(I)-----	------------	------------
0	.95188+000	.94356+000	.94726+000	.94497+000	.94268+000
1	.47594-001	.49852-001	.52099-001	.54336-001	.56561-001
2	.52882-003	.59161-003	.63677-003	.69429-003	.75414-003
H =	.10506+001	.10531+001	.10557+001	.10582+001	.10608+001

THETA=	.25000+000	.26000+000	.27000+000	.28000+000	.29000+000
-I-	------------	------------	---P(I)-----	------------	------------
0	.94040+000	.93814+000	.93588+000	.93362+000	.93138+000
1	.58775-001	.60979-001	.63172-001	.65354-001	.67525-001
2	.81632-003	.88081-003	.94757-003	.10166-002	.10879-002
3			.53301-005	.59302-005	.65728-005
H =	.10634+001	.10659+001	.10685+001	.10711+001	.10737+001

THETA=	.30000+000	.31000+000	.32000+000	.33000+000	.34000+000
-I-	------------	------------	---P(I)-----	------------	------------
0	.92915+000	.92692+000	.92470+000	.92249+000	.92029+000
1	.69686-001	.71836-001	.73976-001	.76105-001	.78224-001
2	.11614-002	.12372-002	.13151-002	.13953-002	.14776-002
3	.72589-005	.79901-005	.87675-005	.95925-005	.10466-004
H =	.10763+001	.10788+001	.10814+001	.10840+001	.10856+001

THETA=	.35000+000	.36000+000	.37000+000	.38000+000	.39000+000
-I-	------------	------------	---P(I)-----	------------	------------
0	.91809+000	.91591+000	.91373+000	.91156+000	.90940+000
1	.80333-001	.82432-001	.84520-001	.86598-001	.88666-001
2	.15620-002	.16486-002	.17374-002	.18282-002	.19211-002
3	.11390-004	.12365-004	.13392-004	.14473-004	.15609-004
H =	.10892+001	.10918+001	.10944+001	.10970+001	.10996+001

THETA=	.40000+000	.41000+000	.42000+000	.43000+000	.44000+000
-I-	------------	------------	---P(I)-----	------------	------------
0	.90724+000	.90510+000	.90296+000	.90083+000	.89870+000
1	.90724-001	.92772-001	.94811-001	.96839-001	.98857-001
2	.20161-002	.21131-002	.22122-002	.23134-002	.24165-002
3	.16801-004	.18050-004	.19357-004	.20724-004	.22151-004
H =	.11022+001	.11049+001	.11075+001	.11101+001	.11127+001

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   1   U3 =   1

THETA=	.45000+000	.46000+000	.47000+000	.48000+000	.49000+000
-I-			-P(I)-		
0	.89659+000	.89448+000	.89238+000	.89029+000	.88820+000
1	.10087+000	.10287+000	.10485+000	.10683+000	.10880+000
2	.25217-002	.26288-002	.27379-002	.28489-002	.29619-002
3	.23641-004	.25192-004	.26808-004	.28489-004	.30236-004
H =	.11153+001	.11180+001	.11206+001	.11232+001	.11259+001

THETA=	.50000+000	.60000+000	.70000+000	.80000+000	.90000+000
-I-			-P(I)-		
0	.88613+000	.86575+000	.84609+000	.82710+000	.80876+000
1	.11077+000	.12986+000	.14807+000	.16542+000	.18197+000
2	.30768-002	.43288-002	.57681-002	.73520-002	.90985-002
3	.32050-004	.54110-004	.83973-004	.12253-003	.17060-003
H =	.11285+001	.11551+001	.11819+001	.12090+001	.12365+001

THETA=	.10000+001	.11000+001	.12000+001	.13000+001	.14000+001
-I-			-P(I)-		
0	.79103+000	.77388+000	.75729+000	.74123+000	.72567+000
1	.19776+000	.21282+000	.22719+000	.24090+000	.25399+000
2	.10986-001	.13005-001	.15146-001	.17398-001	.19754-001
3	.22888-003	.29804-003	.37864-003	.47120-003	.57617-003
4				.61256-005	.80664-005
H =	.12642+001	.12922+001	.13205+001	.13491+001	.13780+001

THETA=	.15000+001	.16000+001	.17000+001	.18000+001	.19000+001
-I-			-P(I)-		
0	.71061+000	.69501+000	.68186+000	.66813+000	.65481+000
1	.26648+000	.27840+000	.28979+000	.30066+000	.31103+000
2	.22207-001	.24747-001	.27369-001	.30066-001	.32831-001
3	.69396-003	.82490-003	.96932-003	.11275-002	.12996-002
4	.10409-004	.13198-004	.16478-004	.20294-004	.24692-004
H =	.14072+001	.14368+001	.14666+001	.14967+001	.15272+001

THETA=	.20000+001	.21000+001	.22000+001	.23000+001	.24000+001
-I-			-P(I)-		
0	.64188+000	.62933+000	.61714+000	.60530+000	.59379+000
1	.32094+000	.33040+000	.33943+000	.34805+000	.35627+000
2	.35660-001	.38547-001	.41486-001	.44473-001	.47503-001
3	.14858-002	.16864-002	.19014-002	.21310-002	.23752-002
4	.29717-004	.35415-004	.41831-004	.49013-004	.57004-004
H =	.15579+001	.15890+001	.16204+001	.16521+001	.16841+001

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$$U2 = 1 \qquad U3 = 1$$

THETA=	.25000+001	.26000+001	.27000+001	.28000+001	.29000+001
-I-			-P(I)-		
0	.58260+000	.57172+000	.56114+000	.55084+000	.54081+000
1	.36413+000	.37162+000	.37877+000	.38559+000	.39209+000
2	.50573-001	.53678-001	.56815-001	.59980-001	.63170-001
3	.26340-002	.29076-002	.31958-002	.34988-002	.38165-002
4	.65850-004	.75597-004	.86288-004	.97967-004	.11068-003
H =	.17164+001	.17491+001	.17821+001	.18154+001	.18491+001

THETA=	.30000+001	.31000+001	.32000+001	.33000+001	.34000+001
-I-			-P(I)-		
0	.53105+000	.52155+000	.51229+000	.50327+000	.49448+000
1	.39829+000	.40420+000	.40983+000	.41520+000	.42031+000
2	.66382-001	.69612-001	.72859-001	.76120-001	.79392-001
3	.41489-002	.44958-002	.48573-002	.52332-002	.56236-002
4	.12447-003	.13937-003	.15543-003	.17270-003	.19120-003
H =	.18831+001	.19174+001	.19520+001	.19870+001	.20223+001

THETA=	.35000+001	.36000+001	.37000+001	.38000+001	.39000+001
-I-			-P(I)-		
0	.48591+000	.47756+000	.46941+000	.46146+000	.45370+000
1	.42517+000	.42980+000	.43420+000	.43838+000	.44236+000
2	.82672-001	.85960-001	.89252-001	.92548-001	.95844-001
3	.60282-002	.64470-002	.68799-002	.73267-002	.77873-002
4	.21099-003	.23209-003	.25456-003	.27841-003	.30371-003
5			.52325-005	.58776-005	.65803-005
H =	.20580+001	.20940+001	.21303+001	.21670+001	.22041+001

THETA=	.40000+001	.41000+001	.42000+001	.43000+001	.44000+001
-I-			-P(I)-		
0	.44613+000	.43874+000	.43153+000	.42448+000	.41760+000
1	.44613+000	.44971+000	.45310+000	.45632+000	.45936+000
2	.99140-001	.10243+000	.10572+000	.10901+000	.11229+000
3	.82617-002	.87495-002	.92508-002	.97654-002	.10293-001
4	.33047-003	.35873-003	.38853-003	.41991-003	.45299-003
5	.73437-005	.81711-005	.90658-005	.10031-004	.11072-004
H =	.22415+001	.22793+001	.23176+001	.23558+001	.23946+001

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   1   U3 =   1

THETA=	.45000+001	.46000+001	.47000+001	.48000+001	.49000+001
-I-			-P(I)-		
0	.41087+000	.40430+000	.39788+000	.39161+000	.38547+000
1	.46223+000	.46495+000	.46751+000	.46993+000	.47220+000
2	.11556+000	.11882+000	.12207+000	.12531+000	.12854+000
3	.10834-001	.11387-001	.11953-001	.12531-001	.13122-001
4	.48751-003	.52380-003	.56179-003	.60151-003	.64299-003
5	.12188-004	.13386-004	.14669-004	.16040-004	.17504-004
H =	.24338+001	.24734+001	.25133+001	.25536+001	.25942+001

THETA=	.50000+001	.52000+001	.54000+001	.56000+001	.58000+001
-I-			-P(I)-		
0	.37947+000	.36786+000	.35675+000	.34610+000	.33590+000
1	.47434+000	.47822+000	.48161+000	.48455+000	.48706+000
2	.13176+000	.13815+000	.14448+000	.15075+000	.15694+000
3	.13725-001	.14966-001	.16254-001	.17587-001	.18964-001
4	.69625-003	.77826-003	.87773-003	.98488-003	.10999-002
5	.19063-004	.22483-004	.26372-004	.30643-004	.35441-004
H =	.26353+001	.27184+001	.28031+001	.28893+001	.29771+001

THETA=	.60000+001	.62000+001	.64000+001	.66000+001	.68000+001
-I-			-P(I)-		
0	.32612+000	.31673+000	.30771+000	.29905+000	.29073+000
1	.48918+000	.49093+000	.49234+000	.49344+000	.49424+000
2	.16306+000	.16910+000	.17506+000	.18093+000	.18671+000
3	.20382-001	.21842-001	.23341-001	.24878-001	.26451-001
4	.12226-002	.13542-002	.14938-002	.16419-002	.17987-002
5	.40765-004	.46644-004	.53113-004	.60204-004	.67950-004
H =	.30664+001	.31573+001	.32498+001	.33439+001	.34396+001

THETA=	.70000+001	.72000+001	.74000+001	.76000+001	.78000+001
-I-			-P(I)-		
0	.28272+000	.27502+000	.26761+000	.26046+000	.25358+000
1	.49477+000	.49504+000	.49507+000	.49488+000	.49448+000
2	.19241+000	.19811+000	.20383+000	.20895+000	.21426+000
3	.28060-001	.29702-001	.31377-001	.33084-001	.34820-001
4	.19642-002	.21386-002	.23219-002	.25144-002	.27160-002
5	.76385-004	.85562-004	.95457-004	.10616-003	.11769-003
H =	.35370+001	.36361+001	.37369+001	.38393+001	.39435+001

#1201

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 1   U3 = 1

THETA=	.80000+001	.82000+001	.84000+001	.86000+001	.88000+001
-I-			P(I)		
0	.24695+000	.24055+000	.23438+000	.22842+000	.22267+000
1	.49390+000	.49313+000	.49220+000	.49111+000	.48987+000
2	.21951+000	.22465+000	.22969+000	.23464+000	.23949+000
3	.36585-001	.38377-001	.40196-001	.42040-001	.43907-001
4	.29268-002	.31469-002	.33765-002	.36154-002	.38639-002
5	.13008-003	.14336-003	.15757-003	.17274-003	.18890-003
6				.50528-005	.56541-005
H =	.40494+001	.41571+001	.42666+001	.43779+001	.44910+001

THETA=	.90000+001	.92000+001	.94000+001	.96000+001	.98000+001
-I-			P(I)		
0	.21711+000	.21174+000	.20655+000	.20153+000	.19668+000
1	.48850+000	.48701+000	.48540+000	.48368+000	.48186+000
2	.24425+000	.24892+000	.25349+000	.25796+000	.26235+000
3	.45797-001	.47709-001	.49641-001	.51593-001	.53563-001
4	.41218-002	.43892-002	.46563-002	.49529-002	.52492-002
5	.20609-003	.22434-003	.24368-003	.26416-003	.28579-003
6	.63088-005	.70201-005	.77912-005	.86255-005	.95262-005
H =	.45059+001	.47227+001	.48414+001	.49619+001	.50844+001

THETA=	.10000+002	.10200+002	.10400+002	.10600+002	.10800+002
-I-			P(I)		
0	.19198+000	.18743+000	.18303+000	.17876+000	.17463+000
1	.47995+000	.47796+000	.47588+000	.47373+000	.47151+000
2	.26664+000	.27084+000	.27495+000	.27897+000	.28290+000
3	.55550-001	.57554-001	.59573-001	.61606-001	.63653-001
4	.55550-002	.58705-002	.61956-002	.65303-002	.68746-002
5	.30861-003	.33266-003	.35797-003	.38456-003	.41247-003
6	.10497-004	.11541-004	.12663-004	.13865-004	.15152-004
H =	.52086+001	.53352+001	.54636+001	.55939+001	.57263+001

THETA=	.11000+002	.11200+002	.11400+002	.11600+002	.11800+002
-I-			P(I)		
0	.17063+000	.16674+000	.16298+000	.15933+000	.15578+000
1	.46922+000	.46688+000	.46449+000	.46205+000	.45958+000
2	.28675+000	.29051+000	.29418+000	.29776+000	.30126+000
3	.65713-001	.67785-001	.69867-001	.71959-001	.74061-001
4	.72288-002	.75919-002	.79648-002	.83473-002	.87392-002
5	.44174-003	.47236-003	.50444-003	.53704-003	.57290-003
6	.16528-004	.17996-004	.19560-004	.21225-004	.22994-004
H =	.58607+001	.59972+001	.61358+001	.62764+001	.64192+001

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   1   U3 =   1

THETA=	.12000+002	.12200+002	.12400+002	.12600+002	.12800+002
-I-			---P(I)---		
0	.15234+000	.14900+000	.14576+000	.14261+000	.13955+000
1	.45703+000	.45446+000	.45186+000	.44923+000	.44656+000
2	.30468+000	.30802+000	.31128+000	.31446+000	.31756+000
3	.76171-001	.78289-001	.80414-001	.82545-001	.84682-001
4	.91405-002	.95513-002	.99713-002	.10401-001	.10839-001
5	.60937-003	.64736-003	.68691-003	.72805-003	.77079-003
6	.24872-004	.26863-004	.28972-004	.31202-004	.33558-004
H =	.65642+001	.67113+001	.68606+001	.70121+001	.71658+001

THETA=	.13000+002	.13200+002	.13400+002	.13600+002	.13800+002
-I-			---P(I)---		
0	.13658+000	.13369+000	.13088+000	.12815+000	.12549+000
1	.44388+000	.44117+000	.43844+000	.43570+000	.43294+000
2	.32058+000	.32353+000	.32640+000	.32919+000	.33192+000
3	.86824-001	.88970-001	.91119-001	.93272-001	.95427-001
4	.11287-001	.11744-001	.12210-001	.12685-001	.13169-001
5	.81518-003	.86123-003	.90896-003	.95842-003	.10096-002
6	.36045-004	.38667-004	.41429-004	.44335-004	.47390-004
H =	.73218+001	.74901+001	.76407+001	.78036+001	.79688+001

THETA=	.14000+002	.14200+002	.14400+002	.14600+002	.14800+002
-I-			---P(I)---		
0	.12290+000	.12039+000	.11794+000	.11556+000	.11324+000
1	.43016+000	.42738+000	.42458+000	.42178+000	.41897+000
2	.33457+000	.33715+000	.33967+000	.34211+000	.34449+000
3	.97584-001	.99742-001	.10190+000	.10406+000	.10622+000
4	.13662-001	.14163-001	.14674-001	.15193-001	.15720-001
5	.10626-002	.11173-002	.11739-002	.12323-002	.12926-002
6	.50599-004	.53966-004	.57497-004	.61196-004	.65067-004
H =	.81364+001	.83063+001	.84783+001	.86517+001	.88311+001

THETA=	.15000+002	.15500+002	.16000+002	.16500+002	.17000+002
-I-			---P(I)---		
0	.11098+000	.10558+000	.10052+000	.95773-001	.91313-001
1	.41616+000	.40912+000	.40208+000	.39506+000	.38808+000
2	.34680+000	.35230+000	.35741+000	.36214+000	.36652+000
3	.10838+000	.11376+000	.11914+000	.12449+000	.12981+000
4	.16256-001	.17633-001	.19062-001	.20540-001	.22068-001
5	.13547-002	.15184-002	.16944-002	.18829-002	.20842-002
6	.69117-004	.80053-004	.92211-004	.10567-003	.12051-003
H =	.90109+001	.94715+001	.99482+001	.10441+002	.10951+002

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   1   U3 =   1

THETA=	.17500+002	.18000+002	.18500+002	.19000+002	.19500+002
-I-			P(I)		
0	.87119-001	.83170-001	.79450-001	.75941-001	.72629-001
1	.36114+000	.37427+000	.36795+000	.36072+000	.35407+000
2	.37056+000	.37427+000	.37766+000	.38076+000	.38357+000
3	.13510+000	.14035+000	.14556+000	.15072+000	.15583+000
4	.23642-001	.25263-001	.26928-001	.28636-001	.30386-001
5	.22986-002	.25263-002	.27676-002	.30227-002	.32918-002
6	.13682-003	.15467-003	.17415-003	.19535-003	.21834-003
7	.53445-005	.62145-005	.71915-005	.82848-005	.95034-005
H =	.11479+002	.12024+002	.12587+002	.13168+002	.13769+002

THETA=	.20000+002	.21000+002	.22000+002	.23000+002	.24000+002
-I-			P(I)		
0	.69500-001	.65743-001	.58581-001	.53939-001	.49754-001
1	.34750+000	.33465+000	.32219+000	.31015+000	.29852+000
2	.38611+000	.39043+000	.39379+000	.39630+000	.39803+000
3	.16088+000	.17081+000	.18049+000	.18989+000	.19901+000
4	.32176-001	.35870-001	.39708-001	.43676-001	.47763-001
5	.35751-002	.41849-002	.48531-002	.55808-002	.63685-002
6	.24321-003	.29892-003	.36316-003	.43659-003	.51987-003
7	.10857-004	.14012-004	.17834-004	.22414-004	.27850-004
H =	.14388+002	.15688+002	.17070+002	.18539+002	.20099+002

THETA=	.25000+002	.30000+002	.35000+002	.40000+002	.45000+002
-I-			P(I)		
0	.45971-001	.31656-001	.22490-001	.16383-001	.12184-001
1	.28732+000	.23742+000	.19678+000	.16383+000	.13707+000
2	.39905+000	.39570+000	.38264+000	.36406+000	.34257+000
3	.20784+000	.24731+000	.27900+000	.30339+000	.32125+000
4	.51960-001	.74194-001	.97652-001	.12135+000	.14456+000
5	.72166-002	.12366-001	.18988-001	.26968-001	.36141-001
6	.61366-003	.12610-002	.22605-002	.36691-002	.55317-002
7	.34244-004	.85496-004	.17650-003	.32760-003	.55564-003
8			.95385-005	.20222-004	.38586-004
H =	.21793+002	.31590+002	.44665+002	.61039+002	.82077+002

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   1   U3 =   1

THETA=	.50000+002	.55000+002	.60000+002	.65000+002	.70000+002
-I-			P(I)		
0	.92203-002	.70827-002	.55119-002	.43387-002	.34501-002
1	.11525+000	.97387-001	.82678-001	.70504-001	.60376-001
2	.32015+000	.29757+000	.27559+000	.25460+000	.23480+000
3	.33349+000	.34097+000	.34449+000	.34477+000	.34241+000
4	.16674+000	.18753+000	.20670+000	.22410+000	.23969+000
5	.46318-001	.57302-001	.68898-001	.80925-001	.93212-001
6	.78772-002	.10720-001	.14061-001	.17892-001	.22193-001
7	.87915-003	.13160-002	.18832-002	.25959-002	.34677-002
8	.67836-004	.11170-003	.17437-003	.26039-003	.37460-003
9		.68261-005	.11624-004	.18806-004	.29135-004
H =	.10846+003	.14119+003	.18143+003	.23048+003	.28985+003

THETA=	.75000+002	.80000+002	.85000+002	.90000+002	.95000+002
-I-			P(I)		
0	.27685-002	.22398-002	.18256-002	.14981-002	.12371-002
1	.51909-001	.44796-001	.38794-001	.33708-001	.29381-001
2	.21629+000	.19909+000	.18319+000	.16854+000	.15506+000
3	.33795+000	.33182+000	.32441+000	.31601+000	.30690+000
4	.25346+000	.26546+000	.27575+000	.28441+000	.29155+000
5	.10561+000	.11793+000	.13021+000	.14221+000	.15388+000
6	.26941-001	.32104-001	.37647-001	.43532-001	.49722-001
7	.45102-002	.57328-002	.71428-002	.87453-002	.10544-001
8	.52201-003	.70776-003	.93694-003	.12146-002	.15458-002
9	.43501-004	.62911-004	.88489-004	.12146-003	.16316-003
10			.62161-005	.90344-005	.12810-004
H =	.36121+003	.44647+003	.54776+003	.66750+003	.80835+003

THETA=	.10000+003
-I-	P(I)
0	.10274-002
1	.25685-001
2	.14269+000
3	.29728+000
4	.29728+000
5	.16515-000
6	.56175-001
7	.12539-001
8	.19390-002
9	.21500-003
10	.17769-004
H =	.97334+003

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   2   U3 =   0

THETA=	.00000+000	.10000-001	.20000-001	.30000-001	.40000-001
-I-			----P(I)----		
0	.10000+001	.99668+000	.99337+000	.99008+000	.98681+000
1		.33223-002	.66225-002	.99008-002	.13157-001
2			.82781-005	.18564-004	.32894-004
H =	.50000+000	.50167+000	.50334+000	.50501+000	.50668+000

THETA=	.50000-001	.60000-001	.70000-001	.80000-001	.90000-001
-I-			----P(I)----		
0	.98356+000	.98032+000	.97710+000	.97390+000	.97071+000
1	.15393-001	.19606-001	.22799-001	.25971-001	.29121-001
2	.51227-004	.73524-004	.99746-004	.12985-003	.16381-003
H =	.50836+000	.51004+000	.51172+000	.51340+000	.51508+000

THETA=	.10000+000	.11000+000	.12000+000	.13000+000	.14000+000
-I-			----P(I)----		
0	.96755+000	.96440+000	.96126+000	.95814+000	.95504+000
1	.32253-001	.35361-001	.38450-001	.41519-001	.44569-001
2	.20157-003	.24311-003	.28838-003	.33735-003	.38997-003
H =	.51677+000	.51846+000	.52015+000	.52184+000	.52354+000

THETA=	.15000+000	.16000+000	.17000+000	.18000+000	.19000+000
-I-			----P(I)----		
0	.95195+000	.94888+000	.94583+000	.94279+000	.93977+000
1	.47598-001	.50607-001	.53597-001	.56568-001	.59519-001
2	.44623-003	.50607-003	.56947-003	.63639-003	.70679-003
H =	.52524+000	.52693+000	.52864+000	.53034+000	.53204+000

THETA=	.20000+000	.21000+000	.22000+000	.23000+000	.24000+000
-I-			----P(I)----		
0	.93676+000	.93377+000	.93080+000	.92784+000	.92489+000
1	.62451-001	.65364-001	.68259-001	.71134-001	.73991-001
2	.78064-003	.85790-003	.93855-003	.10226-002	.11099-002
3				.52264-005	.59193-005
H =	.53375+000	.53546+000	.53717+000	.53889+000	.54060+000

THETA=	.25000+000	.26000+000	.27000+000	.28000+000	.29000+000
-I-			----P(I)----		
0	.92196+000	.91905+000	.91615+000	.91326+000	.91039+000
1	.76830-001	.79651-001	.82453-001	.85238-001	.88004-001
2	.12005-002	.12943-002	.13914-002	.14917-002	.15951-002
3	.56683-005	.74783-005	.83484-005	.92814-005	.10279-004
H =	.54232+000	.54404+000	.54576+000	.54749+000	.54922+000

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   2   U3 =   0

THETA=	.30000+000	.31000+000	.32000+000	.33000+000	.34000+000
-I-			--P(I)--		
0	.90753+000	.90469+000	.90186+000	.89905+000	.89625+000
1	.90753-001	.93485-001	.96199-001	.98895-001	.10158+000
2	.17016-002	.18113-002	.19240-002	.20397-002	.21585-002
3	.11344-004	.12478-004	.13682-004	.14958-004	.16308-004
H =	.55094+000	.55267+000	.55441+000	.55614+000	.55788+000

THETA=	.35000+000	.36000+000	.37000+000	.38000+000	.39000+000
-I-			--P(I)--		
0	.89346+000	.89069+000	.88793+000	.88519+000	.88246+000
1	.10424+000	.10688+000	.10951+000	.11212+000	.11472+000
2	.22802-002	.24049-002	.25325-002	.26629-002	.27963-002
3	.17735-004	.19239-004	.20822-004	.22487-004	.24235-004
H =	.55962+000	.56136+000	.56310+000	.56485+000	.56660+000

THETA=	.40000+000	.41000+000	.42000+000	.43000+000	.44000+000
-I-			--P(I)--		
0	.87974+000	.87704+000	.87435+000	.87167+000	.86901+000
1	.11730+000	.11986+000	.12241+000	.12494+000	.12745+000
2	.29325-002	.30715-002	.32132-002	.33577-002	.35050-002
3	.26066-004	.27984-004	.29990-004	.32035-004	.34271-004
H =	.56835+000	.57010+000	.57185+000	.57361+000	.57537+000

THETA=	.45000+000	.46000+000	.47000+000	.48000+000	.49000+000
-I-			--P(I)--		
0	.86636+000	.86372+000	.86109+000	.85848+000	.85588+000
1	.12995+000	.13244+000	.13490+000	.13736+000	.13979+000
2	.36549-002	.38076-002	.39628-002	.41207-002	.42812-002
3	.36549-004	.38922-004	.41389-004	.43954-004	.46617-004
H =	.57713+000	.57889+000	.58066+000	.58243+000	.58420+000

THETA=	.50000+000	.60000+000	.70000+000	.80000+000	.90000+000
-I-			--P(I)--		
0	.85329+000	.82809+000	.80405+000	.78110+000	.75918+000
1	.14222+000	.16562+000	.18761+000	.20829+000	.22775+000
2	.44442-002	.62107-002	.82040-002	.10415-001	.12811-001
3	.49380-004	.82809-004	.12748-003	.18515-003	.25622-003
H =	.58597+000	.60389+000	.62185+000	.64012+000	.65861+000

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   2   U3 =   0

THETA=	.10000+001	.11000+001	.12000+001	.13000+001	.14000+001
-I-			-P(I)-		
0	.73821+000	.71813+000	.69890+000	.68047+000	.66278+000
1	.24607+000	.26332+000	.27956+000	.29487+000	.30930+000
2	.15379-001	.18103-001	.20967-001	.23958-001	.27064-001
3	.34176-003	.44252-003	.55912-003	.69213-003	.84198-003
4		.50705-005	.69890-005	.93725-005	.12279-004
H =	.67732+000	.69625+000	.71541+000	.73479+000	.75439+000

THETA=	.15000+001	.16000+001	.17000+001	.18000+001	.19000+001
-I-			-P(I)-		
0	.64580+000	.62949+000	.61380+000	.59871+000	.58419+000
1	.32290+000	.33573+000	.34782+000	.35923+000	.36999+000
2	.30272-001	.33573-001	.36956-001	.40413-001	.43936-001
3	.10091-002	.11937-002	.13961-002	.16165-002	.18551-002
4	.15767-004	.19895-004	.24723-004	.30310-004	.36715-004
H =	.77423+000	.79430+000	.81460+000	.83513+000	.85589+000

THETA=	.20000+001	.21000+001	.22000+001	.23000+001	.24000+001
-I-			-P(I)-		
0	.57020+000	.55671+000	.54371+000	.53117+000	.51906+000
1	.38013+000	.38970+000	.39872+000	.40723+000	.41525+000
2	.47516-001	.51148-001	.54824-001	.58539-001	.62287-001
3	.21118-002	.23869-002	.26803-002	.29920-002	.33220-002
4	.43997-004	.52214-004	.61423-004	.71683-004	.83049-004
H =	.87689+000	.89813+000	.91961+000	.94132+000	.96328+000

THETA=	.25000+001	.26000+001	.27000+001	.28000+001	.29000+001
-I-			-P(I)-		
0	.50737+000	.49607+000	.48514+000	.47458+000	.46436+000
1	.42280+000	.42992+000	.43663+000	.44294+000	.44888+000
2	.66063-001	.69863-001	.73681-001	.77515-001	.81359-001
3	.36702-002	.40365-002	.44209-002	.48231-002	.52432-002
4	.95578-004	.10932-003	.12434-003	.14067-003	.15839-003
H =	.98548+000	.10079+001	.10306+001	.10536+001	.10768+001

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 2   U3 = 0

THETA=	.30000+001	.31000+001	.32000+001	.33000+001	.34000+001
-I-			P(I)		
0	.45446+000	.46468+000	.43560+000	.42660+000	.41788+000
1	.45446+000	.45971+000	.46464+000	.46926+000	.47360+000
2	.85212-001	.89069-001	.92928-001	.96786-001	.10064+000
3	.56808-002	.61359-002	.66082-002	.70976-002	.76039-002
4	.17752-003	.19814-003	.22027-003	.24398-003	.26930-003
5					.52322-005
H =	.11002+001	.11239+001	.11478+001	.11720+001	.11965+001

THETA=	.35000+001	.36000+001	.37000+001	.38000+001	.39000+001
-I-			P(I)		
0	.40942+000	.40122+000	.39325+000	.38552+000	.37800+000
1	.47766+000	.48146+000	.48501+000	.48832+000	.49140+000
2	.10449+000	.10833+000	.11216+000	.11598+000	.11978+000
3	.81269-002	.86663-002	.92219-002	.97935-002	.10381-001
4	.29629-003	.32498-003	.35543-003	.38768-003	.42172-003
5	.59258-005	.66854-005	.75147-005	.84178-005	.93984-005
H =	.12212+001	.12462+001	.12715+001	.12970+001	.13227+001

THETA=	.40000+001	.41000+001	.42000+001	.43000+001	.44000+001
-I-			P(I)		
0	.37071+000	.36361+000	.35672+000	.35001+000	.34349+000
1	.49427+000	.49694+000	.49940+000	.50168+000	.50379+000
2	.12357+000	.12734+000	.13109+000	.13483+000	.13854+000
3	.10984-001	.11602-001	.12235-001	.12884-001	.13546-001
4	.45766-003	.49551-003	.53530-003	.57708-003	.62087-003
5	.10461-004	.11609-004	.12847-004	.14180-004	.15610-004
H =	.13488+001	.13751+001	.14017+001	.14285+001	.14556+001

THETA=	.45000+001	.46000+001	.47000+001	.48000+001	.49000+001
-I-			P(I)		
0	.33714+000	.33097+000	.32495+000	.31910+000	.31339+000
1	.50572+000	.50748+000	.50909+000	.51056+000	.51188+000
2	.14223+000	.14590+000	.14955+000	.15317+000	.15676+000
3	.14223-001	.14914-001	.15619-001	.16338-001	.17070-001
4	.66672-003	.71465-003	.76470-003	.81689-003	.87127-003
5	.17144-004	.18785-004	.20538-004	.22406-004	.24395-004
H =	.14830+001	.15107+001	.15387+001	.15669+001	.15954+001

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   2   U3 =   0

THETA=	.50000+001	.52000+001	.54000+001	.56000+001	.58000+001
-I-			-P(I)-		
0	.30784+000	.29714+000	.28697+000	.27730+000	.26809+000
1	.51306+000	.51505+000	.51655+000	.51763+000	.51830+000
2	.16033+000	.16739+000	.17434+000	.18117+000	.18788+000
3	.17815-001	.19343-001	.20920-001	.22546-001	.24216-001
4	.92785-003	.10477-002	.11768-002	.13152-002	.14631-002
5	.26510-004	.31133-004	.36312-004	.42085-004	.48490-004
H =	.16242+001	.16827+001	.17423+001	.18031+001	.18651+001

THETA=	.60000+001	.62000+001	.64000+001	.66000+001	.68000+001
-I-			-P(I)-		
0	.25930+000	.25093+000	.24293+000	.23529+000	.22798+000
1	.51861+000	.51858+000	.51825+000	.51763+000	.51676+000
2	.19448+000	.20095+000	.20730+000	.21352+000	.21962+000
3	.25930-001	.27687-001	.29483-001	.31317-001	.33188-001
4	.16207-002	.17881-002	.19655-002	.21530-002	.23508-002
5	.55565-004	.63349-004	.71881-004	.81200-004	.91345-004
H =	.19282+001	.19926+001	.20582+001	.21251+001	.21931+001

THETA=	.70000+001	.72000+001	.74000+001	.76000+001	.78000+001
-I-			-P(I)-		
0	.22099+000	.21430+000	.20789+000	.20175+000	.19585+000
1	.51565+000	.51433+000	.51280+000	.51109+000	.50922+000
2	.22560+000	.23145+000	.23717+000	.24277+000	.24824+000
3	.35093-001	.37031-001	.39001-001	.41001-001	.43029-001
4	.25589-002	.27774-002	.30063-002	.32459-002	.34961-002
5	.10235-003	.11427-003	.12713-003	.14097-003	.15583-003
H =	.22625+001	.23332+001	.24051+001	.24784+001	.25529+001

THETA=	.80000+001	.82000+001	.84000+001	.86000+001	.88000+001
-I-			-P(I)-		
0	.19020+000	.18476+000	.17955+000	.17453+000	.16970+000
1	.50719+000	.50502+000	.50273+000	.50032+000	.49780+000
2	.25360+000	.25882+000	.26393+000	.26892+000	.27379+000
3	.45084-001	.47164-001	.49267-001	.51394-001	.53541-001
4	.37570-002	.40286-002	.43109-002	.46040-002	.49079-002
5	.17175-003	.18877-003	.20692-003	.22626-003	.24680-003
6		.53746-005	.60353-005	.67562-005	.75411-005
H =	.26289+001	.27061+001	.27848+001	.28648+001	.29463+001

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 2   U3 = 0

THETA=	.90000+001	.92000+001	.94000+001	.96000+001	.98000+001
-I-			P(I)		
0	.16506+000	.16059+000	.15629+000	.15214+000	.14817+000
1	.49519+000	.49248+000	.48970+000	.48685+000	.48393+000
2	.27854+000	.28318+000	.28770+000	.29211+000	.29641+000
3	.55709-001	.57894-001	.60097-001	.62317-001	.64551-001
4	.52227-002	.55482-002	.58845-002	.62317-002	.65896-002
5	.26859-003	.29168-003	.31608-003	.34185-003	.36902-003
6	.83936-005	.93175-005	.10317-004	.11395-004	.12557-004
H =	.30292+001	.31135+001	.31992+001	.32864+001	.33751+001

THETA=	.10000+002	.10200+002	.10400+002	.10600+002	.10800+002
-I-			P(I)		
0	.14429+000	.14056+000	.13697+000	.13353+000	.13016+000
1	.48095+000	.47792+000	.47484+000	.47172+000	.46857+000
2	.30059+000	.30467+000	.30865+000	.31252+000	.31628+000
3	.66799-001	.69060-001	.71332-001	.73615-001	.75908-001
4	.69582-002	.73376-002	.77276-002	.81283-002	.85396-002
5	.39761-003	.42768-003	.45924-003	.49234-003	.52702-003
6	.13806-004	.15147-004	.16584-004	.18121-004	.19763-004
H =	.34654+001	.35571+001	.36503+001	.37451+001	.38415+001

THETA=	.11000+002	.11200+002	.11400+002	.11600+002	.11800+002
-I-			P(I)		
0	.12692+000	.12379+000	.12077+000	.11784+000	.11501+000
1	.46538+000	.46216+000	.45892+000	.45565+000	.45237+000
2	.31995+000	.32351+000	.32698+000	.33035+000	.33362+000
3	.78209-001	.80518-001	.82834-001	.85157-001	.87484-001
4	.89615-002	.93938-002	.98366-002	.10290-001	.10753-001
5	.56329-003	.60120-003	.64078-003	.68206-003	.72507-003
6	.21515-004	.23380-004	.25364-004	.27472-004	.29708-004
H =	.39395+001	.40390+001	.41402+001	.42430+001	.43474+001

THETA=	.12000+002	.12200+002	.12400+002	.12600+002	.12800+002
-I-			P(I)		
0	.11227+000	.10962+000	.10705+000	.10456+000	.10214+000
1	.44908+000	.44577+000	.44246+000	.43913+000	.43581+000
2	.33681+000	.33990+000	.34290+000	.34582+000	.34865+000
3	.89815-001	.92151-001	.94489-001	.96829-001	.99170-001
4	.11227-001	.11711-001	.12205-001	.12709-001	.13223-001
5	.76985-003	.81641-003	.86480-003	.91503-003	.96715-003
6	.32077-004	.34584-004	.37234-004	.40033-004	.42984-004
H =	.44536+001	.45614+001	.46709+001	.47821+001	.48951+001

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   2   U3 =   0

THETA=	.13000+002	.13200+002	.13400+002	.13600+002	.13800+002
-I-			---P(I)---		
0	.99803-001	.97535-001	.95334-001	.93200-001	.91128-001
1	.43248+000	.42915+000	.42583+000	.42251+000	.41919+000
2	.35139+000	.35405+000	.35663+000	.35913+000	.36155+000
3	.10151+000	.10385+000	.10620+000	.10854+000	.11088+000
4	.13746-001	.14280-001	.14823-001	.15376-001	.15938-001
5	.10212-002	.10771-002	.11350-002	.11949-002	.12569-002
6	.46094-004	.49368-004	.52811-004	.56428-004	.60224-004
H =	.50099+001	.51264+001	.52447+001	.53648+001	.54868+001

THETA=	.14000+002	.14200+002	.14400+002	.14600+002	.14800+002
-I-			---P(I)---		
0	.89117-001	.87164-001	.85268-001	.83426-001	.81636-001
1	.41588+000	.41258+000	.40929+000	.40601+000	.40274+000
2	.36389+000	.36616+000	.36836+000	.37048+000	.37253+000
3	.11321+000	.11554+000	.11787+000	.12020+000	.12252+000
4	.16510-001	.17091-001	.17681-001	.18280-001	.18889-001
5	.13208-002	.13868-002	.14549-002	.15251-002	.15975-002
6	.64206-004	.68378-004	.72746-004	.77315-004	.82091-004
H =	.56106+001	.57363+001	.58639+001	.59933+001	.61247+001

THETA=	.15000+002	.15500+002	.16000+002	.16500+002	.17000+002
-I-			---P(I)---		
0	.79896-001	.75756-001	.71893-001	.68284-001	.64908-001
1	.39948+000	.39141+000	.38343+000	.37556+000	.36781+000
2	.37451+000	.37917+000	.38343+000	.38730+000	.39080+000
3	.12484+000	.13060+000	.13633+000	.14201+000	.14764+000
4	.19506-001	.21087-001	.22772-001	.24408-001	.26144-001
5	.16719-002	.18677-002	.20774-002	.23013-002	.25397-002
6	.87080-004	.10052-003	.11541-003	.13185-003	.14991-003
7				.49330-005	.57789-005
H =	.62581+001	.66001+001	.69548+001	.73224+001	.77032+001

THETA=	.17500+002	.18000+002	.18500+002	.19000+002	.19500+002
-I-			---P(I)---		
0	.61747-001	.58783-001	.56001-001	.53387-001	.50929-001
1	.36019+000	.35270+000	.34534+000	.33812+000	.33104+000
2	.39396+000	.39679+000	.39930+000	.40152+000	.40345+000
3	.15321+000	.15871+000	.16416+000	.16953+000	.17483+000
4	.27928-001	.29759-001	.31634-001	.33553-001	.35512-001
5	.27928-002	.30609-002	.33442-002	.36429-002	.39571-002
6	.16970-003	.19131-003	.21482-003	.24033-003	.26793-003
7	.67342-005	.78085-005	.90117-005	.10354-004	.11847-004
H =	.80976+001	.85059+001	.89284+001	.93655+001	.98176+001

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   2   U3 =   0

THETA=	.20000+002	.21000+002	.22000+002	.23000+002	.24000+002
-I-			P(I)		
0	.48615-001	.44377-001	.40602-001	.37227-001	.34201-001
1	.32410+000	.31064+000	.29775+000	.28541+000	.27361+000
2	.40512+000	.40772+000	.40940+000	.41027+000	.41041+000
3	.18005+000	.19027+000	.20015+000	.20969+000	.21889+000
4	.37511-001	.41621-001	.45868-001	.50239-001	.54722-001
5	.42870-002	.49945-002	.57663-002	.66029-002	.75047-002
6	.29771-003	.36418-003	.44048-003	.52731-003	.62539-003
7	.13502-004	.17342-004	.21974-004	.27502-004	.34035-004
H =	.10285+002	.11267+002	.12315+002	.13431+002	.14619+002

THETA=	.25000+002	.30000+002	.35000+002	.40000+002	.45000+002
-I-			P(I)		
0	.31481-001	.21322-001	.14945-001	.10765-001	.79291-002
1	.26234+000	.21322+000	.17436+000	.14353+000	.11894+000
2	.40990+000	.39978+000	.38141+000	.35883+000	.33451+000
3	.22772+000	.26652+000	.29665+000	.31896+000	.33451+000
4	.59303-001	.83288-001	.10815+000	.13290+000	.15680+000
5	.84719-002	.14278-001	.21631-001	.30377-001	.40320-001
6	.73541-003	.14873-002	.26288-002	.42191-002	.63001-002
7	.41690-004	.10118-003	.20863-003	.38268-003	.64286-003
8			.11410-004	.23918-004	.45201-004
H =	.15883+002	.23450+002	.33456+002	.46447+002	.63059+002

THETA=	.50000+002	.55000+002	.60000+002	.65000+002	.70000+002
-I-			P(I)		
0	.59506-002	.45375-002	.35080-002	.27451-002	.21712-002
1	.99176-001	.83187-001	.70160-001	.59477-001	.50661-001
2	.30992+000	.28596+000	.26310+000	.24163+000	.22164+000
3	.34436+000	.34950+000	.35080+000	.34902+000	.34478+000
4	.17935+000	.20023+000	.21925+000	.23631+000	.25140+000
5	.51244-001	.62931-001	.75172-001	.87773-001	.10056+000
6	.83966-002	.12018-001	.15661-001	.19810-001	.24442-001
7	.10087-002	.14989-002	.21307-002	.29198-002	.38797-002
8	.78803-004	.12881-003	.19976-003	.29655-003	.42434-003
9		.79511-005	.13452-004	.21634-004	.33337-004
H =	.84026+002	.11019+003	.14253+003	.18214+003	.23029+003

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   2   U3 =   0

THETA=	.75000+002	.80000+002	.85000+002	.90000+002	.95000+002
-I-			P(I)		
0	.17338-002	.13964-002	.11335-002	.92659-003	.76240-003
1	.43344-001	.37237-001	.32115-001	.27798-001	.24143-001
2	.20318+000	.18619+000	.17061+000	.15636+000	.14335+000
3	.33863+000	.33100+000	.32227+000	.31272+000	.30262+000
4	.26455+000	.27583+000	.28534+000	.29319+000	.29947+000
5	.11338+000	.12610+000	.13859+000	.15078+000	.16257+000
6	.29526-001	.35026-001	.40904-001	.47118-001	.53625-001
7	.50214-002	.63540-002	.78840-002	.96159-002	.11552-001
8	.58845-003	.79425-003	.10471-002	.13522-002	.17147-002
9	.49533-004	.71313-004	.99892-004	.13659-003	.18283-003
10		.47542-005	.70757-005	.10244-004	.14474-004
H =	.28839+003	.35806+003	.44112+003	.53961+003	.65583+003

THETA=	.10000+003
-I-	P(I)
0	.63106-003
1	.21035-001
2	.13147+000
3	.29216+000
4	.30433+000
5	.17390+000
6	.60383-001
7	.13692-001
8	.21394-002
9	.24011-003
10	.20009-004
H =	.79232+003

U2 =   2   U3 =   1

THETA=	.00000+000	.10000-001	.20000-001	.30000-001	.40000-001
-I-			P(I)		
0	.10000+001	.99834+000	.99667+000	.99502+000	.99337+000
1		.16639-002	.33222-002	.49751-002	.66224-002
2				.62189-005	.11037-004
H =	.50000+000	.50083+000	.50167+000	.50250+000	.50334+000

THETA=	.50000-001	.60000-001	.70000-001	.80000-001	.90000-001
-I-			P(I)		
0	.99172+000	.99007+000	.98843+000	.98680+000	.98517+000
1	.82643-002	.99007-002	.11532-001	.13157-001	.14778-001
2	.17217-004	.24752-004	.33634-004	.43858-004	.55416-004
H =	.50418+000	.50501+000	.50585+000	.50669+000	.50753+000

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   2   U3 =   1

THETA=	.10000+000	.11000+000	.12000+000	.13000+000	.14000+000
-I-			P(I)		
0	.98354+000	.98192+000	.98030+000	.97868+000	.97707+000
1	.16392-001	.18002-001	.19606-001	.21205-001	.22798-001
2	.68301-004	.82508-004	.98030-004	.11486-003	.13299-003
H =	.50837+000	.50921+000	.51005+000	.51089+000	.51173+000

THETA=	.15000+000	.16000+000	.17000+000	.18000+000	.19000+000
-I-			P(I)		
0	.97546+000	.97386+000	.97226+000	.97066+000	.96907+000
1	.24387-001	.25970-001	.27547-001	.29120-001	.30687-001
2	.15242-003	.17313-003	.19513-003	.21840-003	.24294-003
H =	.51258+000	.51342+000	.51427+000	.51511+000	.51596+000

THETA=	.20000+000	.21000+000	.22000+000	.23000+000	.24000+000
-I-			P(I)		
0	.96748+000	.96590+000	.96432+000	.96274+000	.96117+000
1	.32249-001	.33806-001	.35358-001	.36905-001	.38447-001
2	.26874-003	.29581-003	.32412-003	.35367-003	.38447-003
H =	.51681+000	.51765+000	.51850+000	.51935+000	.52020+000

THETA=	.25000+000	.26000+000	.27000+000	.28000+000	.29000+000
-I-			P(I)		
0	.95960+000	.95803+000	.95647+000	.95491+000	.95336+000
1	.39983-001	.41515-001	.43041-001	.44563-001	.46079-001
2	.41649-003	.44974-003	.48421-003	.51990-003	.55679-003
H =	.52105+000	.52190+000	.52275+000	.52361+000	.52446+000

THETA=	.30000+000	.31000+000	.32000+000	.33000+000	.34000+000
-I-			P(I)		
0	.95181+000	.95027+000	.94872+000	.94718+000	.94565+000
1	.47591-001	.49097-001	.50599-001	.52095-001	.53587-001
2	.59488-003	.63417-003	.67465-003	.71631-003	.75915-003
H =	.52531+000	.52617+000	.52702+000	.52788+000	.52874+000

THETA=	.35000+000	.36000+000	.37000+000	.38000+000	.39000+000
-I-			P(I)		
0	.94412+000	.94259+000	.94107+000	.93955+000	.93803+000
1	.55074-001	.56555-001	.58032-001	.59505-001	.60972-001
2	.80316-003	.84833-003	.89457-003	.94216-003	.99079-003
3		.50900-005	.55171-005	.59670-005	.64402-005
H =	.52959+000	.53045+000	.53131+000	.53217+000	.53303+000

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   2   U3 =   1

THETA=	.40000+000	.41000+000	.42000+000	.43000+000	.44000+000
-I-			P(I)		
0	.93652+000	.93501+000	.93350+000	.93200+000	.93050+000
1	.62435-001	.63892-001	.65345-001	.66793-001	.68237-001
2	.10406-002	.10915-002	.11435-002	.11967-002	.12510-002
3	.69372-005	.74585-005	.80048-005	.85765-005	.91741-005
H =	.53389+000	.53475+000	.53562+000	.53648+000	.53734+000

THETA=	.45000+000	.46000+000	.47000+000	.48000+000	.49000+000
-I-			P(I)		
0	.92901+000	.92752+000	.92603+000	.92455+000	.92306+000
1	.69676-001	.71110-001	.72539-001	.73964-001	.75384-001
2	.13064-002	.13629-002	.14206-002	.14793-002	.15391-002
3	.97831-005	.10449-004	.11128-004	.11834-004	.12569-004
H =	.53821+000	.53907+000	.53994+000	.54081+000	.54167+000

THETA=	.50000+000	.60000+000	.70000+000	.80000+000	.90000+000
-I-			P(I)		
0	.92159+000	.90701+000	.89277+000	.87886+000	.86527+000
1	.76799-001	.90701-001	.10416+000	.11718+000	.12979+000
2	.16000-002	.22675-002	.30379-002	.39060-002	.48671-002
3	.13333-004	.22675-004	.35442-004	.52081-004	.73007-004
H =	.54254+000	.55126+000	.56005+000	.56892+000	.57786+000

THETA=	.10000+001	.11000+001	.12000+001	.13000+001	.14000+001
-I-			P(I)		
0	.85199+000	.83900+000	.82631+000	.81389+000	.80175+000
1	.14200+000	.15382+000	.16526+000	.17634+000	.18708+000
2	.59166-002	.70500-002	.82631-002	.95520-002	.10913-001
3	.98610-004	.12925-003	.16526-003	.20696-003	.25463-003
H =	.58686+000	.59595+000	.60510+000	.61433+000	.62363+000

THETA=	.15000+001	.16000+001	.17000+001	.18000+001	.19000+001
-I-			P(I)		
0	.78988+000	.77826+000	.76688+000	.75575+000	.74486+000
1	.19747+000	.20753+000	.21728+000	.22673+000	.23587+000
2	.12342-001	.13836-001	.15391-001	.17004-001	.18673-001
3	.30855-003	.36895-003	.43608-003	.51013-003	.59132-003
4			.61777-005	.76520-005	.93625-005
H =	.63301+000	.64246+000	.65199+000	.66159+000	.67127+000

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 2   U3 = 1

THETA=	.20000+001	.21000+001	.22000+001	.23000+001	.24000+001
-I-			---P(I)---		
0	.73419+000	.72374+000	.71350+000	.70348+000	.69366+000
1	.24473+000	.25331+000	.26162+000	.26967+000	.27746+000
2	.20394-001	.22164-001	.23982-001	.25843-001	.27746-001
3	.67980-003	.77576-003	.87933-003	.99065-003	.11099-002
4	.11330-004	.13576-004	.16121-004	.18988-004	.22197-004
H =	.69103+000	.69086+000	.70077+000	.71075+000	.72082+000

THETA=	.25000+001	.26000+001	.27000+001	.28000 001	.29000+001
-I-			---P(I)---		
0	.68403+000	.67460+000	.66536+000	.65629+000	.64741+000
1	.28501+000	.29233+000	.29941+000	.30627+000	.31291+000
2	.29689-001	.31669-001	.33684-001	.35731-001	.37810-001
3	.12370-002	.13723-002	.15158-002	.16675-002	.18275-002
4	.25772-004	.29733-004	.34105-004	.38908-004	.44164-004
H =	.73096+000	.74118+000	.75148+000	.76186+000	.77231+000

THETA=	.30000+001	.31000+001	.32000+001	.33000+001	.34000+001
-I-			---P(I)---		
0	.63869+000	.63014+000	.62176+000	.61353+000	.60546+000
1	.31935+000	.32557+000	.33160+000	.33744+000	.34310+000
2	.39918-001	.42053-001	.44214-001	.46399-001	.48605-001
3	.19959-002	.21728-002	.23581-002	.25519-002	.27543-002
4	.49898-004	.56129-004	.62882-004	.70178-004	.78039-004
H =	.78285+000	.79347+000	.80427+000	.81495+000	.82581+000

THETA=	.35000+001	.36000+001	.37000+001	.38000+001	.39000+001
-I-			---P(I)---		
0	.59755+000	.58977+000	.58215+000	.57465+000	.56731+000
1	.34857+000	.35386+000	.35899+000	.36395+000	.36875+000
2	.50833-001	.53080-001	.55344-001	.57625-001	.59922-001
3	.29653-002	.31848-002	.34129-002	.36496-002	.38949-002
4	.86486-004	.95543-004	.10523-003	.11557-003	.12658-003
H =	.83676+000	.84778+000	.85889+000	.87008+000	.88135+000

THETA=	.40000+001	.41000+001	.42000+001	.43000+001	.44000+001
-I-			---P(I)---		
0	.56009+000	.55300+000	.54604+000	.53920+000	.53248+000
1	.37339+000	.37788+000	.38223+000	.38642+000	.39049+000
2	.62232-001	.64555-001	.66889-001	.69234-001	.71589-001
3	.41488-002	.44112-002	.46823-002	.49618-002	.52499-002
4	.13829-003	.15072-003	.16388-003	.17780-003	.19249-003
H =	.89272+000	.90416+000	.91569+000	.92730+000	.93900+000

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   2   U3 =   1

THETA=	.45000+001	.46000+001	.47000+001	.48000+001	.49000+001
-I-			P(I)		
0	.52588+000	.51939+000	.51302+000	.50676+000	.50060+000
1	.39441+000	.39820+000	.40197+000	.40541+000	.40883+000
2	.73952-001	.76322-001	.78699-001	.81081-001	.83469-001
3	.55464-002	.58514-002	.61648-002	.64865-002	.68166-002
4	.20799-003	.22430-003	.24145-003	.25946-003	.27834-003
5			.54039-005	.59305-005	.64947-005
H =	.95079+000	.96266+000	.97462+000	.98666+000	.99879+000

THETA=	.50000+001	.52000+001	.54000+001	.56000+001	.58000+001
-I-			P(I)		
0	.49455+000	.48276+000	.47135+000	.46032+000	.44964+000
1	.41213+000	.41839+000	.42421+000	.42963+000	.43466+000
2	.85860-001	.90651-001	.95448-001	.10025+000	.10504+000
3	.71550-002	.78564-002	.85904-002	.93564-002	.10154-001
4	.29812-003	.34044-003	.38657-003	.43663-003	.49078-003
5	.70982-005	.84300-005	.99403-005	.11644-004	.13555-004
H =	.10110+001	.10357+001	.10608+001	.10862+001	.11120+001

THETA=	.60000+001	.62000+001	.64000+001	.66000+001	.68000+001
-I-			P(I)		
0	.43931+000	.42931+000	.41962+000	.41023+000	.40113+000
1	.43931+000	.44362+000	.44759+000	.45125+000	.45461+000
2	.10983+000	.11460+000	.11936+000	.12409+000	.12881+000
3	.10983-001	.11842-001	.12732-001	.13650-001	.14598-001
4	.54914-003	.61184-003	.67901-003	.75077-003	.82723-003
5	.15690-004	.18064-004	.20694-004	.23596-004	.26786-004
H =	.11381+001	.11647+001	.11916+001	.12188+001	.12465+001

THETA=	.70000+001	.72000+001	.74000+001	.76000+001	.78000+001
-I-			P(I)		
0	.39230+000	.38375+000	.37544+000	.36739+000	.35957+000
1	.45769+000	.46050+000	.46305+000	.46536+000	.46744+000
2	.13349+000	.13815+000	.14277+000	.14736+000	.15192+000
3	.15574-001	.16578-001	.17609-001	.18666-001	.19749-001
4	.90849-003	.99467-003	.10859-002	.11822-002	.12837-002
5	.30283-004	.34103-004	.38264-004	.42784-004	.47680-004
H =	.12745+001	.13029+001	.13318+001	.13610+001	.13906+001

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 2   U3 = 1

THETA=	.80000+001	.82000+001	.84000+001	.86000+001	.88000+001
-I-			P(I)		
0	.35197+000	.34459+000	.33743+000	.33046+000	.32369+000
1	.46929+000	.47095+000	.47240+000	.47366+000	.47475+000
2	.15643+000	.16091+000	.16534+000	.16973+000	.17407+000
3	.20858-001	.21991-001	.23148-001	.24328-001	.25531-001
4	.13905-002	.15027-002	.16203-002	.17435-002	.18723-002
5	.52972-004	.58676-004	.64813-004	.71400-004	.78457-004
H =	.14206+001	.14510+001	.14818+001	.15130+001	.15447+001

THETA=	.90000+001	.92000+001	.94000+001	.96000+001	.98000+001
-I-			P(I)		
0	.31711+000	.31071+000	.30448+000	.29842+000	.29252+000
1	.47566+000	.47642+000	.47702+000	.47747+000	.47779+000
2	.17837+000	.18263+000	.18683+000	.19099+000	.19510+000
3	.26756-001	.28003-001	.29270-001	.30558-001	.31866-001
4	.20067-002	.21469-002	.22928-002	.24447-002	.26024-002
5	.86002-004	.94054-004	.10263-003	.11176-003	.12144-003
H =	.15767+001	.16092+001	.16421+001	.16755+001	.17093+001

THETA=	.10000+002	.10200+002	.10400+002	.10600+002	.10800+002
-I-			P(I)		
0	.28678+000	.28119+000	.27575+000	.27045+000	.26528+000
1	.47797+000	.47803+000	.47796+000	.47779+000	.47750+000
2	.19915+000	.20316+000	.20712+000	.21102+000	.21488+000
3	.33192-001	.34537-001	.35900-001	.37281-001	.38678-001
4	.27660-002	.29357-002	.31114-002	.32931-002	.34810-002
5	.13172-003	.14259-003	.15409-003	.16622-003	.17902-003
6				.52440-005	.57543-005
H =	.17435+001	.17781+001	.18132+001	.18488+001	.18848+001

THETA=	.11000+002	.11200+002	.11400+002	.11600+002	.11800+002
-I-			P(I)		
0	.26024+000	.25534+000	.25055+000	.24589+000	.24134+000
1	.47711+000	.47663+000	.47605+000	.47538+000	.47463+000
2	.21868+000	.22243+000	.22612+000	.22977+000	.23336+000
3	.40091-001	.41520-001	.42963-001	.44422-001	.45894-001
4	.36750-002	.38752-002	.40815-002	.42941-002	.45129-002
5	.19250-003	.20668-003	.22157-003	.23720-003	.25358-003
6	.63021-005	.68892-005	.75175-005	.81890-005	.89056-005
H =	.19213+001	.19582+001	.19956+001	.20334+001	.20718+001

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U2 = 2 \qquad U3 = 1$

THETA=	.12000+002	.12200+002	.12400+002	.12600+002	.12800+002
-I-	---	---	---P(I)---	---	---
0	.23690+000	.23257+000	.22835+000	.22422+000	.22020+000
1	.47380+000	.47289+000	.47192+000	.47087+000	.46976+000
2	.23690+000	.24039+000	.24382+000	.24721+000	.25054+000
3	.47380-001	.48879-001	.50390-001	.51913-001	.53448-001
4	.47380-002	.49693-002	.52070-002	.54509-002	.57011-002
5	.27074-003	.28870-003	.30746-003	.32705-003	.34750-003
6	.96694-005	.10482-004	.11347-004	.12264-004	.13238-004
H =	.21106+001	.21499+001	.21897+001	.22299+001	.22707+001

THETA=	.13000+002	.13200+002	.13400+002	.13600+002	.13800+002
-I-	---	---	---P(I)---	---	---
0	.21627+000	.21243+000	.20868+000	.20502+000	.20145+000
1	.46858+000	.46735+000	.46606+000	.46472+000	.46333+000
2	.25382+000	.25704+000	.26022+000	.26334+000	.26642+000
3	.54993-001	.56549-001	.58115-001	.59691-001	.61276-001
4	.59576-002	.62204-002	.64895-002	.67650-002	.70467-002
5	.36980-003	.39100-003	.41409-003	.43811-003	.46307-003
6	.14269-004	.15361-004	.16514-004	.17733-004	.19019-004
H =	.23119+001	.23537+001	.23960+001	.24387+001	.24820+001

THETA=	.14000+002	.14200+002	.14400+002	.14600+002	.14800+002
-I-	---	---	---P(I)---	---	---
0	.19795+000	.19454+000	.19120+000	.18794+000	.18475+000
1	.46189+000	.46041+000	.45889+000	.45732+000	.45572+000
2	.26944+000	.27241+000	.27533+000	.27820+000	.28103+000
3	.62869-001	.64470-001	.66080-001	.67697-001	.69320-001
4	.73347-002	.75290-002	.79296-002	.82364-002	.85495-002
5	.48898-003	.51587-003	.54374-003	.57263-003	.60254-003
6	.20374-004	.21801-004	.23303-004	.24882-004	.26540-004
H =	.25258+001	.25702+001	.26150+001	.26604+001	.27063+001

THETA=	.15000+002	.15500+002	.16000+002	.16500+002	.17000+002
-I-	---	---	---P(I)---	---	---
0	.18163+000	.17413+000	.16703+000	.16031+000	.15393+000
1	.45408+000	.44985+000	.44543+000	.44085+000	.43614+000
2	.28380+000	.29053+000	.29695+000	.30308+000	.30894+000
3	.70950-001	.75052-001	.79187-001	.83348-001	.87532-001
4	.88688-002	.96943-002	.10558-001	.11460-001	.12400-001
5	.63349-003	.71553-003	.80444-003	.90046-003	.10038-002
6	.28281-004	.33008-004	.38307-004	.44219-004	.50789-004
H =	.27528+001	.28714+001	.29934+001	.31190+001	.32482+001

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   2   U3 =   1

THETA=	.17500+002	.18000+002	.18500+002	.19000+002	.19500+002
-I-			P(I)		
0	.14788+000	.14214+000	.13668+000	.13149+000	.12655+000
1	.43133+000	.42641+000	.42143+000	.41638+000	.41129+000
2	.31451+000	.31981+000	.32485+000	.32964+000	.33417+000
3	.91731-001	.95943-001	.10016+000	.10438+000	.10861+000
4	.13378-001	.14391-001	.15442-001	.16528-001	.17648-001
5	.11148-002	.12336-002	.13603-002	.14953-002	.16388-002
6	.58062-004	.66083-004	.74900-004	.84558-004	.95108-004
H =	.33811+001	.35177+001	.36582+001	.38026+001	.39510+001

THETA=	.20000+002	.21000+002	.22000+002	.23000+002	.24000+002
-I-			P(I)		
0	.12185+000	.11310+000	.10514+000	.97878-001	.91247-001
1	.40616+000	.39584+000	.38550+000	.37520+000	.36499+000
2	.33847+000	.34636+000	.35338+000	.35957+000	.36499+000
3	.11282+000	.12123+000	.12957+000	.13783+000	.14599+000
4	.18804-001	.21215-001	.23755-001	.26418-001	.29199-001
5	.17908-002	.21215-002	.24886-002	.28934-002	.33370-002
6	.10660-003	.13259-003	.16294-003	.19806-003	.23836-003
7		.55246-005	.71126-005	.90385-005	.11350-004
H =	.41035+001	.44210+001	.47957+001	.51084+001	.54797+001

THETA=	.25000+002	.30000+002	.35000+002	.40000+002	.45000+002
-I-			P(I)		
0	.85175-001	.61431-001	.45417-001	.34264-001	.26291-001
1	.35490+000	.30715+000	.26493+000	.22843+000	.19718+000
2	.36968+000	.38394+000	.38636+000	.38071+000	.36971+000
3	.15403+000	.19197+000	.22538+000	.25381+000	.27728+000
4	.32091-001	.47993-001	.65735-001	.84602-001	.10398+000
5	.38203-002	.68561-002	.10956-001	.16115-001	.22282-001
6	.28425-003	.61215-003	.11412-002	.19184-002	.29842-002
7	.14100-004	.36438-004	.79252-004	.15225-003	.26644-003
8				.84586-005	.16653-004
H =	.58703+001	.81392+001	.11009+002	.14593+002	.19018+002

-196-

#1201

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   2   U3 =   1

THETA=	.50000+002	.55000+002	.60000+002	.65000+002	.70000+002
-I-			P(I)		
0	.20466-001	.16132-001	.12855-001	.10343-001	.83945-002
1	.17055+000	.14787+000	.12855+000	.11205+000	.97936-001
2	.35531+000	.33887+000	.32137+000	.30347+000	.28565+000
3	.29609+000	.31063+000	.32137+000	.32876+000	.33325+000
4	.12337+000	.14237+000	.16069+000	.17808+000	.19440+000
5	.29374-001	.37289-001	.45910-001	.55120-001	.64799-001
6	.43712-002	.61038-002	.81982-002	.10663-001	.13500-001
7	.43365-003	.66609-003	.97598-003	.13752-002	.18750-002
8	.30114-004	.50882-004	.81332-004	.12415-003	.18229-003
9			.49292-005	.81512-005	.12889-004
H =	.24431+002	.30995+002	.38896+002	.48341+002	.59563+002

THETA=	.75000+002	.80000+002	.85000+002	.90000+002	.95000+002
-I-			P(I)		
0	.58661-002	.56557-002	.46886-002	.39098-002	.32781-002
1	.85826-001	.75409-001	.66422-001	.58647-001	.51903-001
2	.26821+000	.25136+000	.23524+000	.21993+000	.20545+000
3	.33526+000	.33515+000	.33326+000	.32989+000	.32529+000
4	.20954+000	.22343+000	.23606+000	.24742+000	.25752+000
5	.74835-001	.85118-001	.95548-001	.10604+000	.11650+000
6	.16704-001	.20266-001	.24171-001	.28403-001	.32939-001
7	.24857-002	.32168-002	.40765-002	.50719-002	.62087-002
8	.25893-003	.35743-003	.48126-003	.63399-003	.81920-003
9	.19616-004	.28883-004	.41320-004	.57635-004	.78610-004
10					.56576-005
H =	.72821+002	.88407+002	.10664+003	.12788+003	.15253+003

THETA=	.10000+003
-I-	P(I)
0	.27622-002
1	.46037-001
2	.19182+000
3	.31970+000
4	.26642+000
5	.12686+000
6	.37757-001
7	.74915-002
8	.10405-002
9	.10510-003
10	.79621-005
H =	.18102+003

#1201

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 2   U3 = 2

THETA=	.00000+000	.10000-001	.20000-001	.30000-001	.40000-001
-I-			-P(I)-		
0	.10000+001	.99889+000	.99778+000	.99667+000	.99557+000
1		.11095-002	.22173-002	.33222-002	.44248-002
2					.55309-005
H =	.25000+000	.25028+000	.25056+000	.25083+000	.25111+000

THETA=	.50000-001	.60000-001	.70000-001	.80000-001	.90000-001
-I-			-P(I)-		
0	.99447+000	.99337+000	.99227+000	.99117+000	.99007+000
1	.55248-002	.66224-002	.77176-002	.88104-002	.99007-002
2	.86325-005	.12417-004	.16882-004	.22026-004	.27846-004
H =	.25139+000	.25167+000	.25195+000	.25223+000	.25251+000

THETA=	.10000+000	.11000+000	.12000+000	.13000+000	.14000+000
-I-			-P(I)-		
0	.98898+000	.98788+000	.98679+000	.98570+000	.98462+000
1	.10989-001	.12014-001	.13157-001	.14238-001	.15316-001
2	.34339-004	.41505-004	.49340-004	.57842-004	.67009-004
H =	.25279+000	.25307+000	.25335+000	.25363+000	.25391+000

THETA=	.15000+000	.16000+000	.17000+000	.18000+000	.19000+000
-I-			-P(I)-		
0	.98353+000	.98245+000	.98136+000	.98028+000	.97920+000
1	.16392-001	.17466-001	.18537-001	.19606-001	.20672-001
2	.76838-004	.87329-004	.98477-004	.11028-003	.12274-003
H =	.25419+000	.25447+000	.25475+000	.25503+000	.25531+000

THETA=	.20000+000	.21000+000	.22000+000	.23000+000	.24000+000
-I-			-P(I)-		
0	.97813+000	.97705+000	.97598+000	.97491+000	.97384+000
1	.21736-001	.22798-001	.23857-001	.24914-001	.25969-001
2	.13585-003	.14961-003	.16402-003	.17907-003	.19477-003
H =	.25559+000	.25587+000	.25615+000	.25643+000	.25672+000

THETA=	.25000+000	.26000+000	.27000+000	.28000+000	.29000+000
-I-			-P(I)-		
0	.97277+000	.97170+000	.97063+000	.96957+000	.96851+000
1	.27021-001	.28071-001	.29119-001	.30164-001	.31207-001
2	.21110-003	.22808-003	.24569-003	.26394-003	.28282-003
H =	.25700+000	.25728+000	.25756+000	.25785+000	.25813+000

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 2   U3 = 2

THETA=	.30000+000	.31000+000	.32000+000	.33000+000	.34000+000
-I-			P(I)		
0	.96745+000	.96639+000	.96533+000	.96428+000	.96322+000
1	.32248-001	.33287-001	.34323-001	.35357-001	.36388-001
2	.30233-003	.32247-003	.34323-003	.36462-003	.38663-003
H =	.25841+000	.25869+000	.25898+000	.25926+000	.25955+000

THETA=	.35000+000	.36000+000	.37000+000	.38000+000	.39000+000
-I-			P(I)		
0	.96217+000	.96112+000	.96007+000	.95902+000	.95798+000
1	.37418-001	.38445-001	.39470-001	.40492-001	.41512-001
2	.40926-003	.43250-003	.45637-003	.48084-003	.50593-003
H =	.25983+000	.26011+000	.26040+000	.26068+000	.26097+000

THETA=	.40000+000	.41000+000	.42000+000	.43000+000	.44000+000
-I-			P(I)		
0	.95694+000	.95589+000	.95485+000	.95381+000	.95278+000
1	.42530-001	.43546-001	.44560-001	.45571-001	.46580-001
2	.53163-003	.55794-003	.58485-003	.61236-003	.64048-003
H =	.26125+000	.26154+000	.26182+000	.26211+000	.26239+000

THETA=	.45000+000	.46000+000	.47000+000	.48000+000	.49000+000
-I-			P(I)		
0	.95174+000	.95071+000	.94967+000	.94864+000	.94761+000
1	.47587-001	.48592-001	.49594-001	.50594-001	.51592-001
2	.66919-003	.69850-003	.72841-003	.75891-003	.79001-003
3					.51614-005
H =	.26268+000	.26296+000	.26325+000	.26353+000	.26382+000

THETA=	.50000+000	.60000+000	.70000+000	.80000+000	.90000+000
-I-			P(I)		
0	.94658+000	.93639+000	.92636+000	.91648+000	.90674+000
1	.52588-001	.62426-001	.72050-001	.81465-001	.90674-001
2	.82169-003	.11705-002	.15761-002	.20366-002	.25502-002
3	.54779-005	.93639-005	.14710-004	.21724-004	.30603-004
H =	.26411+000	.26698+000	.26987+000	.27278+000	.27571+000

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   2   U3 =   2

THETA=	.10000+001	.11000+001	.12000+001	.13000+001	.14000+001
-I-			P(I)		
0	.89716+000	.88772+000	.87842+000	.86925+000	.86022+000
1	.99684-001	.10850+000	.11712+000	.12556+000	.13381+000
2	.31151-002	.37296-002	.43921-002	.51008-002	.58543-002
3	.41535-004	.54701-004	.70273-004	.88414-004	.10928-003
H =	.27866+000	.28162+000	.28460+000	.28760+000	.29062+000

THETA=	.15000+001	.16000+001	.17000+001	.18000+001	.19000+001
-I-			P(I)		
0	.85133+000	.84256+000	.83392+000	.82541+000	.81702+000
1	.14189+000	.14979+000	.15752+000	.16508+000	.17248+000
2	.66510-002	.74894-002	.83682-002	.92858-002	.10241-001
3	.13302-003	.15977-003	.18968-003	.22286-003	.25944-003
H =	.29366+000	.29671+000	.29979+000	.30288+000	.30599+000

THETA=	.20000+001	.21000+001	.22000+001	.23000+001	.24000+001
-I-			P(I)		
0	.80874+000	.80059+000	.79255+000	.78462+000	.77681+000
1	.17972+000	.18680+000	.19373+000	.20051+000	.20715+000
2	.11233-001	.12259-001	.13319-001	.14412-001	.15536-001
3	.29953-003	.34325-003	.39070-003	.44197-003	.49716-003
4		.50058-005	.59690-005	.70592-005	.82860-005
H =	.30912+000	.31227+000	.31544+000	.31862+000	.32183+000

THETA=	.25000+001	.26000+001	.27000+001	.28000+001	.29000+001
-I-			P(I)		
0	.76910+000	.76150+000	.75401+000	.74662+000	.73933+000
1	.21364+000	.21999+000	.22620+000	.23228+000	.23823+000
2	.16691-001	.17874-001	.19086-001	.20325-001	.21589-001
3	.55635-003	.61964-003	.68709-003	.75879-003	.83479-003
4	.96589-005	.11188-004	.12883-004	.14754-004	.16812-004
H =	.32505+000	.32830+000	.33156+000	.33484+000	.33814+000

THETA=	.30000+001	.31000+001	.32000+001	.33000+001	.34000+001
-I-			P(I)		
0	.73214+000	.72505+000	.71805+000	.71115+000	.70433+000
1	.24405+000	.24974+000	.25531+000	.26075+000	.26608+000
2	.22879-001	.24193-001	.25531-001	.26890-001	.28271-001
3	.91517-003	.99999-003	.10893-002	.11832-002	.12816-002
4	.19066-004	.21528-004	.24207-004	.27114-004	.30261-004
H =	.34146+000	.34481+000	.34817+000	.35155+000	.35494+000

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   2   U3 =   2

THETA=	.35000+001	.36000+001	.37000+001	.38000+001	.39000+001
-I-			P(I)		
0	.69761+000	.69098+000	.68444+000	.67798+000	.67161+000
1	.27129+000	.27639+000	.28138+000	.28626+000	.29103+000
2	.29673-001	.31094-001	.32535-001	.33993-001	.35469-001
3	.13847-002	.14925-002	.16050-002	.17223-002	.18444-002
4	.33657-004	.37313-004	.41241-004	.45450-004	.49952-004
H =	.35836+000	.36180+000	.36526+000	.36874+000	.37224+000

THETA=	.40000+001	.41000+001	.42000+001	.43000+001	.44000+001
-I-			P(I)		
0	.66532+000	.65911+000	.65298+000	.64693+000	.64095+000
1	.29570+000	.30026+000	.30472+000	.30909+000	.31335+000
2	.36962-001	.38471-001	.39995-001	.41534-001	.43086-001
3	.19713-002	.21031-002	.22397-002	.23813-002	.25277-002
4	.54758-004	.59879-004	.65325-004	.71107-004	.77236-004
H =	.37576+000	.37930+000	.38286+000	.38644+000	.39004+000

THETA=	.45000+001	.46000+001	.47000+001	.48000+001	.49000+001
-I-			P(I)		
0	.63506+000	.62923+000	.62348+000	.61781+000	.61220+000
1	.31753+000	.32161+000	.32560+000	.32950+000	.33331+000
2	.44652-001	.46231-001	.47822-001	.49425-001	.51038-001
3	.26791-002	.28355-002	.29969-002	.31632-002	.33345-002
4	.83723-004	.90579-004	.97814-004	.10544-003	.11347-003
H =	.39367+000	.39731+000	.40097+000	.40465+000	.40836+000

THETA=	.50000+001	.52000+001	.54000+001	.56000+001	.58000+001
-I-			P(I)		
0	.60667+000	.59580+000	.58570+000	.57486+000	.56476+000
1	.33704+000	.34424+000	.35112+000	.35769+000	.36396+000
2	.52662-001	.55939-001	.59251-001	.62595-001	.65967-001
3	.35108-002	.38784-002	.42661-002	.46738-002	.51015-002
4	.12190-003	.14005-003	.15998-003	.18176-003	.20548-003
H =	.41209+000	.41960+000	.42720+000	.43489+000	.44266+000

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 2   U3 = 2

THETA=	.60000+001	.62000+001	.64000+001	.66000+001	.68000+001
-I-			P(I)		
0	.55491+000	.54529+000	.53590+000	.52673+000	.51777+000
1	.36994+000	.37565+000	.38108+000	.38627+000	.39120+000
2	.69364-001	.72781-001	.76217-001	.79667-001	.83130-001
3	.55491-002	.60166-002	.65038-002	.70107-002	.75371-002
4	.23121-003	.25905-003	.28906-003	.32132-003	.35592-003
5	.56623-005	.65555-005	.75509-005	.86561-005	.98786-005
H =	.45052+000	.45847+000	.46651+000	.47463+000	.48284+000

THETA=	.70000+001	.72000+001	.74000+001	.76000+001	.78000+001
-I-			P(I)		
0	.50901+000	.50046+000	.49210+000	.48393+000	.47594+000
1	.39590+000	.40037+000	.40461+000	.40865+000	.41248+000
2	.86603-001	.90082-001	.93567-001	.97054-001	.10054+000
3	.80829-002	.86479-002	.92319-002	.98348-002	.10456-001
4	.39292-003	.43240-003	.47442-003	.51906-003	.56639-003
5	.11226-004	.12707-004	.14329-004	.16101-004	.18032-004
H =	.49115+000	.49954+000	.50803+000	.51661+000	.52528+000

THETA=	.80000+001	.82000+001	.84000+001	.86000+001	.88000+001
-I-			P(I)		
0	.46813+000	.46049+000	.45302+000	.44571+000	.43856+000
1	.41611+000	.41956+000	.42281+000	.42590+000	.42881+000
2	.10403+000	.10751+000	.11099+000	.11446+000	.11792+000
3	.11096-001	.11755-001	.12431-001	.13125-001	.13836-001
4	.61646-003	.66936-003	.72513-003	.78384-003	.84555-003
5	.20129-004	.22403-004	.24861-004	.27514-004	.30371-004
H =	.53404+000	.54290+000	.55186+000	.56091+000	.57005+000

THETA=	.90000+001	.92000+001	.94000+001	.96000+001	.98000+001
-I-			P(I)		
0	.43156+000	.42471+000	.41801+000	.41144+000	.40502+000
1	.43156+000	.43415+000	.43658+000	.43887+000	.44102+000
2	.12138+000	.12482+000	.12825+000	.13166+000	.13506+000
3	.14565-001	.15311-001	.16074-001	.16853-001	.17648-001
4	.91032-003	.97820-003	.10492-002	.11235-002	.12011-002
5	.33440-004	.36732-004	.40257-004	.44023-004	.48042-004
H =	.57930+000	.58864+000	.59808+000	.60762+000	.61726+000

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 2   U3 = 2

THETA=	.10000+002	.10200+002	.10400+002	.10600+002	.10800+002
-I-			P(I)		
0	.39873+000	.39257+000	.38653+000	.38062+000	.37483+000
1	.44303+000	.44491+000	.44666+000	.44829+000	.44979+000
2	.13845+000	.14181+000	.14516+000	.14849+000	.15181+000
3	.18460-001	.19287-001	.20129-001	.20987-001	.21860-001
4	.12819-002	.13661-002	.14538-002	.15449-002	.16395-002
5	.52323-004	.56876-004	.61712-004	.66840-004	.72272-004
H =	.62699+000	.63684+000	.64678+000	.65682+000	.66697+000

THETA=	.11000+002	.11200+002	.11400+002	.11600+002	.11800+002
-I-			P(I)		
0	.36915+000	.36359+000	.35814+000	.35280+000	.34756+000
1	.45119+000	.45247+000	.45365+000	.45472+000	.45569+000
2	.15510+000	.15836+000	.16161+000	.16484+000	.16804+000
3	.22747-001	.23649-001	.24565-001	.25495-001	.26438-001
4	.17376-002	.18394-002	.19447-002	.20537-002	.21664-002
5	.78017-004	.84086-004	.90489-004	.97238-004	.10434-003
H =	.67723+000	.68758+000	.69805+000	.70862+000	.71930+000

THETA=	.12000+002	.12200+002	.12400+002	.12600+002	.12800+002
-I-			P(I)		
0	.34243+000	.33739+000	.33245+000	.32761+000	.32286+000
1	.45657+000	.45735+000	.45805+000	.45866+000	.45918+000
2	.17121+000	.17437+000	.17749+000	.18060+000	.18367+000
3	.27394-001	.28363-001	.29346-001	.30340-001	.31347-001
4	.22828-002	.24030-002	.25270-002	.26548-002	.27864-002
5	.11181-003	.11966-003	.12790-003	.13653-003	.14557-003
H =	.73008+000	.74098+000	.75198+000	.76310+000	.77432+000

THETA=	.13000+002	.13200+002	.13400+002	.13600+002	.13800+002
-I-			P(I)		
0	.31820+000	.31363+000	.30915+000	.30475+000	.30043+000
1	.45963+000	.45999+000	.46029+000	.46051+000	.46065+000
2	.18672+000	.18975+000	.19274+000	.19571+000	.19866+000
3	.32365-001	.33396-001	.34437-001	.35490-001	.36553-001
4	.29219-002	.30613-002	.32046-002	.33518-002	.35030-002
5	.15504-003	.16493-003	.17527-003	.18606-003	.19731-003
6	.52487-005	.56696-005	.61162-005	.65896-005	.70909-005
H =	.78566+000	.79711+000	.80868+000	.82036+000	.83215+000

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   2   U3 =   2

THETA=	.14000+002	.14200+002	.14400+002	.14600+002	.14800+002
-I-			P(I)		
0	.29619+000	.29203+000	.28794+000	.28393+000	.28000+000
1	.46074+000	.46075+000	.46071+000	.46060+000	.46044+000
2	.20157+000	.20446+000	.20732+000	.21015+000	.21295+000
3	.37627-001	.38711-001	.39805-001	.40909-001	.42023-001
4	.36582-002	.38173-002	.39805-002	.41477-002	.43190-002
5	.20904-003	.22125-003	.23396-003	.24717-003	.26090-003
6	.76212-005	.81816-005	.87734-005	.93977-005	.10056-004
H =	.84406+000	.85608+000	.86823+000	.88049+000	.89287+000

THETA=	.15000+002	.15500+002	.16000+002	.16500+002	.17000+002
-I-			P(I)		
0	.27613+000	.26677+000	.25781+000	.24924+000	.24104+000
1	.46022+000	.45943+000	.45833+000	.45695+000	.45531+000
2	.21573+000	.22254+000	.22917+000	.23561+000	.24188+000
3	.43145-001	.45991-001	.48889-001	.51835-001	.54826-001
4	.44943-002	.49504-002	.54321-002	.59394-002	.64726-002
5	.27516-003	.31319-003	.35475-003	.40000-003	.44912-003
6	.10749-004	.12642-004	.14781-004	.17188-004	.19883-004
H =	.90537+000	.93715+000	.96970+000	.10030+001	.10372+001

THETA=	.17500+002	.18000+002	.18500+002	.19000+002	.19500+002
-I-			P(I)		
0	.23319+000	.22566+000	.21845+000	.21153+000	.20489+000
1	.45343+000	.45133+000	.44904+000	.44657+000	.44393+000
2	.24797+000	.25387+000	.25960+000	.26515+000	.27052+000
3	.57859-001	.60930-001	.64035-001	.67171-001	.70335-001
4	.70315-002	.76162-002	.82267-002	.88628-002	.95246-002
5	.50225-003	.55956-003	.62120-003	.68732-003	.75808-003
6	.22889-004	.26229-004	.29927-004	.34008-004	.38496-004
H =	.10721+001	.11078+001	.11444+001	.11819+001	.12202+001

THETA=	.20000+002	.21000+002	.22000+002	.23000+002	.24000+002
-I-			P(I)		
0	.19852+000	.18651+000	.17542+000	.16516+000	.15566+000
1	.44115+000	.43520+000	.42882+000	.42209+000	.41508+000
2	.27572+000	.28560+000	.29481+000	.30337+000	.31131+000
3	.73525-001	.79968-001	.86478-001	.93035-001	.99619-001
4	.10212-001	.11662-001	.13212-001	.14860-001	.16603-001
5	.83362-003	.99960-003	.11864-002	.13950-002	.16264-002
6	.43417-004	.54866-004	.67969-004	.83554-004	.10165-003
H =	.12593+001	.13404+001	.14251+001	.15136+001	.16061+001

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$$U2 = 2 \qquad U3 = 2$$

THETA=	.25000+002	.30000+002	.35000+002	.40000+002	.45000+002
-I-			---P(I)---		
0	.14683+000	.11107+000	.85577-001	.66955-001	.53075-001
1	.40786+000	.37024+000	.33280+000	.29758+000	.26537+000
2	.31864+000	.34710+000	.36400+000	.37197+000	.37318+000
3	.10621+000	.13884+000	.16987+000	.19838+000	.22391+000
4	.19440-001	.28925-001	.41287-001	.55107-001	.69972-001
5	.18816-002	.35418-002	.58991-002	.89971-002	.12852-001
6	.12250-003	.27670-003	.53759-003	.93719-003	.15061-002
7	.54013-005	.14640-004	.33185-004	.66116-004	.11953-003
8					.67236-005
H =	.17026+001	.22508+001	.29213+001	.37339+001	.47103+001

THETA=	.50000+002	.55000+002	.60000+002	.65000+002	.70000+002
-I-			---P(I)---		
0	.42551-001	.34454-001	.28144-001	.23171-001	.19211-001
1	.23640+000	.21055+000	.18763+000	.16734+000	.14942+000
2	.36937+000	.36189+000	.35180+000	.33992+000	.32686+000
3	.24625+000	.26539+000	.28144+000	.29460+000	.30507+000
4	.85502-001	.10136+000	.11727+000	.13298+000	.14830+000
5	.17449-001	.22755-001	.28718-001	.35280-001	.42371-001
6	.22721-002	.32592-002	.44873-002	.59718-002	.77239-002
7	.20036-003	.31614-003	.47484-003	.68450-003	.95356-003
8	.12522-004	.21735-004	.35613-004	.55624-004	.83437-004
9					.53632-005
H =	.58753+001	.72560+001	.88828+001	.10789+002	.13013+002

THETA=	.75000+002	.80000+002	.85000+002	.90000+002	.95000+002
-I-			---P(I)---		
0	.16031-001	.13455-001	.11354-001	.96286-002	.82025-002
1	.13359+000	.11960+000	.10724+000	.96286-001	.86582-001
2	.31311+000	.29901+000	.28484+000	.27080+000	.25704+000
3	.31311+000	.31894+000	.32282+000	.32497+000	.32559+000
4	.16308+000	.17719+000	.19055+000	.20310+000	.21480+000
5	.49921-001	.57858-001	.66111-001	.74609-001	.83288-001
6	.97502-002	.12054-001	.14634-001	.17487-001	.20605-001
7	.12897-002	.17007-002	.21938-002	.27756-002	.34524-002
8	.12091-003	.17007-003	.23309-003	.31226-003	.40997-003
9	.83272-005	.12494-004	.18193-004	.25807-004	.35764-004
H =	.15595+002	.18580+002	.22018+002	.25964+002	.30478+002

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   2   U3 =   2

THETA= .10000+003

-I-	P(I)
0	.70173-002
1	.77970-001
2	.24366+000
3	.32487+000
4	.22561+000
5	.92085-001
6	.23980-001
7	.42293-002
8	.52867-003
9	.48546-004
H =	.35626+002

U2 =   3   U3 =   0

THETA=	.00000+000	.10000-001	.20000-001	.30000-001	.40000-001
-I-	P(I)				
0	.10000+001	.99750+000	.99502+000	.99254+000	.99008+000
1		.24938-002	.49751-002	.74441-002	.99008-002
2				.11166-004	.19802-004
H =	.16667+000	.16708+000	.16750+000	.16792+000	.16834+000

THETA=	.50000-001	.60000-001	.70000-001	.80000-001	.90000-001
-I-	P(I)				
0	.99762+000	.98519+000	.98274+000	.98032+000	.97790+000
1	.12345-001	.14778-001	.17198-001	.19606-001	.22003-001
2	.30863-004	.44333-004	.60193-004	.78425-004	.99012-004
H =	.16876+000	.16917+000	.16959+000	.17001+000	.17043+000

THETA=	.10000+000	.11000+000	.12000+000	.13000+000	.14000+000
-I-	P(I)				
0	.97549+000	.97309+000	.97070+000	.96832+000	.96595+000
1	.24387-001	.26760-001	.29121-001	.31471-001	.33808-001
2	.12194-003	.14718-003	.17473-003	.20456-003	.23666-003
H =	.17085+000	.17128+000	.17170+000	.17212+000	.17254+000

THETA=	.15000+000	.16000+000	.17000+000	.18000+000	.19000+000
-I-	P(I)				
0	.96359+000	.96124+000	.95890+000	.95657+000	.95424+000
1	.36135-001	.38450-001	.40753-001	.43045-001	.45326-001
2	.27101-003	.30760-003	.34640-003	.38741-003	.43060-003
H =	.17296+000	.17339+000	.17381+000	.17423+000	.17466+000

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3   U3 = 0

THETA=	.20000+000	.21000+000	.22000+000	.23000+000	.24000+000
-I-			P(I)		
0	.95193+000	.94962+000	.94732+000	.94503+000	.94275+000
1	.47596-001	.49855-001	.52103-001	.54339-001	.56565-001
2	.47596-003	.52348-003	.57313-003	.62490-003	.67878-003
H =	.17508+000	.17551+000	.17593+000	.17636+000	.17679+000

THETA=	.25000+000	.26000+000	.27000+000	.28000+000	.29000+000
-I-			P(I)		
0	.94048+000	.93822+000	.93597+000	.93372+000	.93148+000
1	.58780-001	.60984-001	.63178-001	.65360-001	.67533-001
2	.73475-003	.79280-003	.85290-003	.91505-003	.97922-003
3					.52588-005
H =	.17721+000	.17764+000	.17807+000	.17850+000	.17893+000

THETA=	.30000+000	.31000+000	.32000+000	.33000+000	.34000+000
-I-			P(I)		
0	.92925+000	.92703+000	.92482+000	.92262+000	.92043+000
1	.69694-001	.71845-001	.73986-001	.76116-001	.78236-001
2	.10454-002	.11136-002	.11838-002	.12559-002	.13300-002
3	.58078-005	.63929-005	.70150-005	.76750-005	.83742-005
H =	.17936+000	.17978+000	.18021+000	.18064+000	.18108+000

THETA=	.35000+000	.36000+000	.37000+000	.38000+000	.39000+000
-I-			P(I)		
0	.91824+000	.91606+000	.91389+000	.91173+000	.90957+000
1	.80346-001	.82445-001	.84535-001	.86614-001	.88684-001
2	.14061-002	.14840-002	.15639-002	.16457-002	.17293-002
3	.91133-005	.98935-005	.10716-004	.11581-004	.12490-004
H =	.18151+000	.18194+000	.18237+000	.18280+000	.18324+000

THETA=	.40000+000	.41000+000	.42000+000	.43000+000	.44000+000
-I-			P(I)		
0	.90743+000	.90529+000	.90316+000	.90104+000	.89893+000
1	.90743-001	.92792-001	.94832-001	.96862-001	.98882-001
2	.18149-002	.19022-002	.19915-002	.20825-002	.21754-002
3	.13443-004	.14443-004	.15489-004	.16583-004	.17725-004
H =	.18367+000	.18410+000	.18454+000	.18497+000	.18541+000

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3   U3 = 0

THETA=	.45000+000	.46000+000	.47000+000	.48000+000	.49000+000
-I-			P(I)		
0	.89682+000	.89472+000	.89263+000	.89055+000	.88847+000
1	.10089+000	.10289+000	.10488+000	.10687+000	.10884+000
2	.22701-002	.23665-002	.24648-002	.25648-002	.26665-002
3	.19917-004	.20159-004	.21453-004	.22798-004	.24196-004
H =	.18584+000	.18628+000	.18671+000	.18715+000	.18759+000

THETA=	.50000+000	.60000+000	.70000+000	.80000+000	.90000+000
-I-			P(I)		
0	.88640+000	.86614+000	.84659+000	.82773+000	.80952+000
1	.11080+000	.12992+000	.14815+000	.16555+000	.18214+000
2	.27700-002	.38976-002	.51854-002	.66219-002	.81964-002
3	.25648-004	.43307-004	.67218-004	.98102-004	.13661-003
H =	.18803+000	.19243+000	.19687+000	.20135+000	.20588+000

THETA=	.10000+001	.11000+001	.12000+001	.13000+001	.14000+001
-I-			P(I)		
0	.79193+000	.77493+000	.75849+000	.74259+000	.72720+000
1	.19798+000	.21311+000	.22755+000	.24134+000	.25452+000
2	.98992-002	.11721-001	.13653-001	.15687-001	.17816-001
3	.18332-003	.23876-003	.30340-003	.37765-003	.46190-003
4					.57738-005
H =	.21046+000	.21507+000	.21973+000	.22444+000	.22919+000

THETA=	.15000+001	.16000+001	.17000+001	.18000+001	.19000+001
-I-			P(I)		
0	.71229+000	.69786+000	.68386+000	.67030+000	.65714+000
1	.26711+000	.27914+000	.29064+000	.30163+000	.31214+000
2	.20033-001	.22331-001	.24705-001	.27147-001	.29654-001
3	.55648-003	.66167-003	.77774-003	.90490-003	.10434-002
4	.74528-005	.94524-005	.11805-004	.14543-004	.17700-004
H =	.23399+000	.23883+000	.24371+000	.24865+000	.25362+000

THETA=	.20000+001	.21000+001	.22000+001	.23000+001	.24000+001
-I-			P(I)		
0	.64438+000	.63199+000	.61996+000	.60827+000	.59692+000
1	.32219+000	.33179+000	.34098+000	.34976+000	.35815+000
2	.32219-001	.34838-001	.37507-001	.40222-001	.42978-001
3	.11933-002	.13548-002	.15281-002	.17132-002	.19101-002
4	.21309-004	.25403-004	.30016-004	.35181-004	.40932-004
H =	.25865+000	.26372+000	.26884+000	.27400+000	.27921+000

#1201

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   3   U3 =   0

THETA=	.25000+001	.26000+001	.27000+001	.28000+001	.29000+001
-I-			--P(I)--		
0	.59588+000	.57515+000	.56472+000	.55457+000	.54469+000
1	.36618+000	.37385+000	.38119+000	.38820+000	.39490+000
2	.45772-001	.48601-001	.51460-001	.54349-001	.57260-001
3	.21191-002	.23400-002	.25730-002	.28180-002	.30751-002
4	.47301-004	.54322-004	.62028-004	.70450-004	.79623-004
H =	.28447+000	.28978+000	.29513+000	.30054+000	.30599+000

THETA=	.30000+001	.31000+001	.32000+001	.33000+001	.34000+001
-I-			--P(I)--		
0	.53507+000	.52570+000	.51658+000	.50769+000	.49903+000
1	.40130+000	.40742+000	.41326+000	.41895+000	.42418+000
2	.60195-001	.63150-001	.66122-001	.69110-001	.72110-001
3	.33442-002	.36253-002	.39184-002	.42234-002	.45403-002
4	.89576-004	.10034-003	.11195-003	.12444-003	.13793-003
H =	.31149+000	.31704+000	.32263+000	.32828+000	.33398+000

THETA=	.35000+001	.36000+001	.37000+001	.38000+001	.39000+001
-I-			--P(I)--		
0	.49059+000	.48236+000	.47433+000	.46650+000	.45885+000
1	.42927+000	.43412+000	.43875+000	.44317+000	.44738+000
2	.75121-001	.78142-001	.81169-001	.84203-001	.87240-001
3	.48690-002	.52095-002	.55616-002	.59254-002	.63006-002
4	.15216-003	.16745-003	.18373-003	.20104-003	.21940-003
H =	.33973+000	.34553+000	.35137+000	.35727+000	.36322+000

THETA=	.40000+001	.41000+001	.42000+001	.43000+001	.44000+001
-I-			--P(I)--		
0	.45139+000	.44411+000	.43700+000	.43006+000	.42328+000
1	.45139+000	.45522+000	.45885+000	.46232+000	.46561+000
2	.90279-001	.93319-001	.96359-001	.99398-001	.10243+000
3	.66873-002	.70854-002	.74946-002	.79150-002	.83464-002
4	.23883-003	.25937-003	.28105-003	.30388-003	.32790-003
5		.53172-005	.59020-005	.65334-005	.72137-005
H =	.36923+000	.37529+000	.38138+000	.38754+000	.39375+000

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   3   U3 =   0

THETA=	.45000+001	.46000+001	.47000+001	.48000+001	.49000+001
-I-			P(I)		
0	.41665+000	.41018+000	.40395+000	.39766+000	.39161+000
1	.46873+000	.47170+000	.47452+000	.47719+000	.47972+000
2	.10546+000	.10849+000	.11151+000	.11453+000	.11753+000
3	.87887-002	.92419-002	.97057-002	.10180-001	.10665-001
4	.35312-003	.37958-003	.40729-003	.43629-003	.46659-003
5	.79452-005	.87303-005	.95714-005	.10471-004	.11431-004
H =	.40001+000	.40633+000	.41270+000	.41912+000	.42560+000

THETA=	.50000+001	.52000+001	.54000+001	.56000+001	.58000+001
-I-			P(I)		
0	.38569+000	.37424+000	.36327+000	.35277+000	.34269+000
1	.48211+000	.48651+000	.49042+000	.49387+000	.49690+000
2	.12053+000	.12649+000	.13241+000	.13828+000	.14410+000
3	.11160-001	.12181-001	.13241-001	.14341-001	.15478-001
4	.49821-003	.56553-003	.63842-003	.71703-003	.80152-003
5	.12455-004	.14704-004	.17237-004	.20077-004	.23244-004
H =	.43213+000	.44535+000	.45879+000	.47246+000	.48635+000

THETA=	.60000+001	.62000+001	.64000+001	.66000+001	.68000+001
-I-			P(I)		
0	.33303+000	.32375+000	.31484+000	.30627+000	.29803+000
1	.49954+000	.50181+000	.50374+000	.50534+000	.50665+000
2	.14986+000	.15556+000	.16120+000	.16676+000	.17226+000
3	.16651-001	.17861-001	.19105-001	.20382-001	.21692-001
4	.89204-003	.98872-003	.10917-002	.12011-002	.13170-002
5	.26761-004	.30650-004	.34934-004	.39636-004	.44779-004
H =	.50046+000	.51490+000	.52938+000	.54418+000	.55923+000

THETA=	.70000+001	.72000+001	.74000+001	.76000+001	.78000+001
-I-			P(I)		
0	.29010+000	.28247+000	.27512+000	.26804+000	.26121+000
1	.50768+000	.50845+000	.50898+000	.50928+000	.50936+000
2	.17769+000	.18304+000	.18832+000	.19353+000	.19865+000
3	.23034-001	.24406-001	.25807-001	.27237-001	.28694-001
4	.14396-002	.15689-002	.17051-002	.18482-002	.19983-002
5	.50386-004	.56482-004	.63089-004	.70232-004	.77935-004
H =	.57451+000	.59003+000	.60579+000	.62180+000	.63805+000

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   3   U3 =   0

THETA=	.80000+001	.82000+001	.84000+001	.86000+001	.88000+001
-I-			P(I)		
0	.25463+000	.24827+000	.24213+000	.23621+000	.23048+000
1	.50925+000	.50895+000	.50848+000	.50785+000	.50706+000
2	.20370+000	.20867+000	.21356+000	.21838+000	.22311+000
3	.30178-001	.31687-001	.33221-001	.34778-001	.36358-001
4	.21556-002	.23199-002	.24916-002	.26705-002	.28567-002
5	.86223-004	.95118-004	.10465-003	.11483-003	.12570-003
H =	.65456+000	.67131+000	.68832+000	.70559+000	.72312+000

THETA=	.90000+001	.92000+001	.94000+001	.96000+001	.98000+001
-I-			P(I)		
0	.22495+000	.21960+000	.21442+000	.20941+000	.20457+000
1	.50614+000	.50508+000	.50389+000	.50259+000	.50119+000
2	.22776+000	.23234+000	.23683+000	.24125+000	.24558+000
3	.37960-001	.39583-001	.41226-001	.42888-001	.44569-001
4	.30504-002	.32515-002	.34600-002	.36761-002	.38997-002
5	.13727-003	.14957-003	.16262-003	.17645-003	.19109-003
6				.52283-005	.57798-005
H =	.74091+000	.75896+000	.77728+000	.79587+000	.81473+000

THETA=	.10000+002	.10200+002	.10400+002	.10600+002	.10800+002
-I-			P(I)		
0	.19987+000	.19532+000	.19092+000	.18665+000	.18251+000
1	.49968+000	.49808+000	.49639+000	.49461+000	.49276+000
2	.24984+000	.25402+000	.25812+000	.26215+000	.26609+000
3	.46267-001	.47981-001	.49712-001	.51458-001	.53219-001
4	.41309-002	.43697-002	.46161-002	.48701-002	.51313-002
5	.20655-003	.22286-003	.24004-003	.25812-003	.27712-003
6	.63749-005	.70158-005	.77049-005	.84446-005	.92372-005
H =	.83387+000	.85328+000	.87298+000	.89295+000	.91321+000

THETA=	.11000+002	.11200+002	.11400+002	.11600+002	.11800+002
-I-			P(I)		
0	.17849+000	.17459+000	.17081+000	.16714+000	.16358+000
1	.49084+000	.48886+000	.48681+000	.48471+000	.48255+000
2	.26996+000	.27376+000	.27748+000	.28113+000	.28470+000
3	.54993-001	.56780-001	.58580-001	.60391-001	.62213-001
4	.54011-002	.56780-002	.59626-002	.62548-002	.65546-002
5	.29706-003	.31797-003	.33997-003	.36278-003	.38672-003
6	.10085-004	.10992-004	.11958-004	.12988-004	.14084-004
H =	.93376+000	.95460+000	.97574+000	.99717+000	.10189+001

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   3   U3 =   0

THETA=	.12000+002	.12200+002	.12400+002	.12600+002	.12800+002
-I-	-----------	-----------	--P(I)--	-----------	-----------
0	.16011+000	.15675+000	.15348+000	.15031+000	.14722+000
1	.48034+000	.47809+000	.47580+000	.47347+000	.47110+000
2	.28821+000	.29164+000	.29500+000	.29828+000	.30150+000
3	.64046-001	.65888-001	.67740-001	.69600-001	.71467-001
4	.69621-002	.71771-002	.74997-002	.78300-002	.81677-002
5	.41172-003	.43780-003	.46498-003	.49329-003	.52273-003
6	.15249-004	.16485-004	.17796-004	.19183-004	.20651-004
H =	.10409+001	.10633+001	.10859+001	.11088+001	.11321+001

THETA=	.13000+002	.13200+002	.13400+002	.13600+002	.13800+002
-I-	-----------	-----------	--P(I)--	-----------	-----------
0	.14422+000	.14129+000	.13845+000	.13569+000	.13299+000
1	.46870+000	.46627+000	.46381+000	.46133+000	.45883+000
2	.30465+000	.30774+000	.31075+000	.31370+000	.31659+000
3	.73343-001	.75225-001	.77113-001	.79007-001	.80906-001
4	.85130-002	.88658-002	.92260-002	.95937-002	.99688-002
5	.55334-003	.58514-003	.61814-003	.65237-003	.68785-003
6	.22202-004	.23839-004	.25565-004	.27384-004	.29297-004
H =	.11557+001	.11796+001	.12038+001	.12283+001	.12532+001

THETA=	.14000+002	.14200+002	.14400+002	.14600+002	.14800+002
-I-	-----------	-----------	--P(I)--	-----------	-----------
0	.13037+000	.12782+000	.12533+000	.12291+000	.12055+000
1	.45630+000	.45376+000	.45120+000	.44862+000	.44604+000
2	.31941+000	.32217+000	.32486+000	.32750+000	.33007+000
3	.82810-001	.84718-001	.86630-001	.88545-001	.90463-001
4	.10351-001	.10741-001	.11138-001	.11542-001	.11954-001
5	.72459-003	.76261-003	.80195-003	.84260-003	.88460-003
6	.31309-004	.33423-004	.35642-004	.37969-004	.40408-004
H =	.12784+001	.13039+001	.13298+001	.13560+001	.13825+001

THETA=	.15000+002	.15500+002	.16000+002	.16500+002	.17000+002
-I-	-----------	-----------	--P(I)--	-----------	-----------
0	.11825+000	.11275+000	.10758+000	.10273+000	.98156-001
1	.44344+000	.43691+000	.43034+000	.42375+000	.41716+000
2	.33258+000	.33860+000	.34427+000	.34960+000	.35459+000
3	.92383-001	.97192-001	.10201+000	.10682+000	.11163+000
4	.12373-001	.13451-001	.14572-001	.15737-001	.16944-001
5	.92796-003	.10424-002	.11658-002	.12983-002	.14402-002
6	.42961-004	.49869-004	.57570-004	.66117-004	.75567-004
H =	.14094+001	.14782+001	.15492+001	.16224+001	.16980+001

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   3   U3 =   0

THETA=	.17500+002	.18000+002	.18500+002	.19000+002	.19500+002
-I-			P(I)		
0	.93848-001	.89786-001	.85951-001	.82327-001	.78900-001
1	.41059+000	.40404+000	.39752+000	.39105+000	.38464+000
2	.35926+000	.36363+000	.36771+000	.37150+000	.37502+000
3	.11643+000	.12121+000	.12597+000	.13071+000	.13542+000
4	.19192-001	.19480-001	.20808-001	.22174-001	.23578-001
5	.15918-002	.17532-002	.19248-002	.21066-002	.22989-002
6	.85976-004	.97402-004	.10990-003	.12353-003	.13836-003
7					.55061-005
H =	.17759+001	.18563+001	.19391+001	.20245+001	.21124+001

THETA=	.20000+002	.21000+002	.22000+002	.23000+002	.24000+002
-I-			P(I)		
0	.75656-001	.69671-001	.64284-001	.59422-001	.55022-001
1	.37828+000	.36577+000	.35356+000	.34168+000	.33013+000
2	.37828+000	.38406+000	.38892+000	.39293+000	.39616+000
3	.14010+000	.14936+000	.15845+000	.16736+000	.17607+000
4	.25018-001	.28004-001	.31124-001	.34368-001	.37730-001
5	.25018-002	.29405-002	.34236-002	.39523-002	.45276-002
6	.15444-003	.19058-003	.23247-003	.28057-003	.33537-003
7	.63035-005	.81679-005	.10437-004	.13170-004	.16427-004
H =	.22030+001	.23922+001	.25927+001	.28048+001	.30291+001

THETA=	.25000+002	.30000+002	.35000+002	.40000+002	.45000+002
-I-			P(I)		
0	.51031-001	.35778-001	.25843-001	.19118-001	.14424-001
1	.31894+000	.26834+000	.22613+000	.19118+000	.16227+000
2	.39868+000	.40251+000	.39573+000	.38237+000	.36511+000
3	.18457+000	.22361+000	.25649+000	.28323+000	.30426+000
4	.41200-001	.59897-001	.80153-001	.10115+000	.12225+000
5	.51500-002	.89845-002	.14027-001	.20231-001	.27505-001
6	.39737-003	.83190-003	.15152-002	.24977-002	.38202-002
7	.20274-004	.50932-004	.10823-003	.20399-003	.35083-003
8			.53808-005	.11585-004	.22425-004
H =	.32660+001	.46583+001	.64491+001	.87177+001	.11555+002

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3   U3 = 0

THETA=	.50000+002	.55000+002	.60000+002	.65000+002	.70000+002
-I-			---P(I)---		
0	.11064-001	.86074-002	.67793-002	.53974-002	.43387-002
1	.13830+000	.11835+000	.10169+000	.87708-001	.75926-001
2	.34574+000	.32547+000	.30507+000	.28505+000	.26574+000
3	.32013+000	.33150+000	.33896+000	.34312+000	.34448+000
4	.14292+000	.16279+000	.18159+000	.19913+000	.21530+000
5	.35729-001	.44767-001	.54476-001	.64718-001	.75355-001
6	.55137-002	.75993-002	.10098-001	.12983-001	.16280-001
7	.56263-003	.85298-003	.12353-002	.17223-002	.23258-002
8	.39959-004	.66639-004	.10528-003	.15902-003	.23126-003
9			.64988-005	.10634-004	.16654-004
H =	.15064+002	.19363+002	.24585+002	.30879+002	.38414+002

THETA=	.75000+002	.80000+002	.85000+002	.90000+002	.95000+002
-I-			---P(I)---		
0	.35176-002	.28741-002	.23649-002	.19584-002	.16313-002
1	.65956-001	.57483-001	.50254-001	.44064-001	.38744-001
2	.24733+000	.22993+000	.21358+000	.19829+000	.18403+000
3	.34352+000	.34064+000	.33619+000	.33048+000	.32376+000
4	.23003+000	.24331+000	.25514+000	.26556+000	.27462+000
5	.86263-001	.97325-001	.10844+000	.11950+000	.13044+000
6	.19968-001	.24031-001	.28448-001	.33195-001	.38247-001
7	.30564-002	.39234-002	.49348-002	.60971-002	.74153-002
8	.32561-003	.44584-003	.59582-003	.77946-003	.10006-002
9	.25124-004	.36695-004	.52104-004	.72172-004	.97800-004
10				.49965-005	.71469-005
H =	.47380+002	.57989+002	.70476+002	.85104+002	.10217+003

THETA=	.10000+003
-I-	---P(I)---
0	.13662-002
1	.34156-001
2	.17078+000
3	.31626+000
4	.28238+000
5	.14119+000
6	.43576-001
7	.88932-002
8	.12632-002
9	.12996-003
10	.99971-005
H =	.12199+003

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3   U3 = 1

THETA=	.00000+000	.10000-001	.20000-001	.30000-001	.40000-001
-I-			---P(I)---		
0	.10000+001	.99875+000	.99750+000	.99626+000	.99502+000
1		.12484-002	.24938-002	.37360-002	.49751-002
2					.66335-005
H =	.16667+000	.16688+000	.16708+000	.16729+000	.16750+000

THETA=	.50000-001	.60000-001	.70000-001	.80000-001	.90000-001
-I-			---P(I)---		
0	.99378+000	.99254+000	.99131+000	.99007+000	.98884+000
1	.62111-002	.74441-002	.86739-002	.99007-002	.11124-001
2	.10352-004	.14888-004	.20239-004	.26402-004	.33373-004
H =	.16771+000	.16792+000	.16813+000	.16834+000	.16855+000

THETA=	.10000+000	.11000+000	.12000+000	.13000+000	.14000+000
-I-			---P(I)---		
0	.99761+000	.98639+000	.98516+000	.98394+000	.98272+000
1	.12345-001	.13563-001	.14777-001	.15989-001	.17198-001
2	.41151-004	.49730-004	.59110-004	.69286-004	.80256-004
H =	.16876+000	.16897+000	.16918+000	.16939+000	.16960+000

THETA=	.15000+000	.16000+000	.17000+000	.18000+000	.19000+000
-I-			---P(I)---		
0	.98150+000	.98029+000	.97908+000	.97787+000	.97666+000
1	.18403-001	.19606-001	.20805-001	.22002-001	.23196-001
2	.92016-004	.10456-003	.11790-003	.13201-003	.14691-003
H =	.16981+000	.17002+000	.17023+000	.17044+000	.17065+000

THETA=	.20000+000	.21000+000	.22000+000	.23000+000	.24000+000
-I-			---P(I)---		
0	.97545+000	.97425+000	.97304+000	.97184+000	.97065+000
1	.24386-001	.25574-001	.26759-001	.27941-001	.29119-001
2	.16258-003	.17902-003	.19623-003	.21421-003	.23296-003
H =	.17086+000	.17107+000	.17128+000	.17150+000	.17171+000

THETA=	.25000+000	.26000+000	.27000+000	.28000+000	.29000+000
-I-			---P(I)---		
0	.96945+000	.96826+000	.96707+000	.96588+000	.96469+000
1	.30295-001	.31468-001	.32638-001	.33806-001	.34970-001
2	.25246-003	.27273-003	.29375-003	.31552-003	.33804-003
H =	.17192+000	.17213+000	.17234+000	.17255+000	.17277+000

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   3   U3 =   1

THETA=	.30000+000	.31000+000	.32000+000	.33000+000	.34000+000
-I-	------------	------------	-P(I)-------	------------	------------
0	.96351+000	.96232+000	.96114+000	.95996+000	.95879+000
1	.36131-001	.37290-001	.38446-001	.39599-001	.40748-001
2	.36131-003	.38533-003	.41009-003	.43558-003	.46182-003
H =	.17298+000	.17319+000	.17340+000	.17362+000	.17383+000

THETA=	.35000+000	.36000+000	.37000+000	.38000+000	.39000+000
-I-	------------	------------	-P(I)-------	------------	------------
0	.95761+000	.95644+000	.95527+000	.95410+000	.95294+000
1	.41896-001	.43040-001	.44181-001	.45320-001	.46456-001
2	.49878-003	.51648-003	.54490-003	.57405-003	.60392-003
H =	.17404+000	.17426+000	.17447+000	.17468+000	.17490+000

THETA=	.40000+000	.41000+000	.42000+000	.43000+000	.44000+000
-I-	------------	------------	-P(I)-------	------------	------------
0	.95177+000	.95061+000	.94945+000	.94829+000	.94714+000
1	.47589-001	.48719-001	.49846-001	.50971-001	.52093-001
2	.63452-003	.66582-003	.69795-003	.73058-003	.76403-003
H =	.17511+000	.17533+000	.17554+000	.17575+000	.17597+000

THETA=	.45000+000	.46000+000	.47000+000	.48000+000	.49000+000
-I-	------------	------------	-P(I)-------	------------	------------
0	.94599+000	.94483+000	.94368+000	.94254+000	.94139+000
1	.53212-001	.54328-001	.55441-001	.56552-001	.57660-001
2	.79817-003	.83303-003	.86858-003	.90484-003	.94178-003
3	.49686-005	.53221-005	.56699-005	.60322-005	.64094-005
H =	.17618+000	.17640+000	.17661+000	.17693+000	.17704+000

THETA=	.50000+000	.60000+000	.70000+000	.80000+000	.90000+000
-I-	------------	------------	-P(I)-------	------------	------------
0	.94025+000	.92893+000	.91780+000	.90687+000	.89612+000
1	.58766-001	.69669-001	.80308-001	.90687-001	.10081+000
2	.97943-003	.13934-002	.18738-002	.24183-002	.30244-002
3	.64016-005	.11612-004	.18218-004	.26870-004	.37805-004
H =	.17726+000	.17942+000	.18159+000	.18378+000	.18599+000

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   3   U3 =   1

THETA=	.10000+001	.11000+001	.12000+001	.13000+001	.14000+001
-I-			P(I)		
0	.88556+000	.87519+000	.86498+000	.85494+000	.84507+000
1	.11070+000	.12034+000	.12975+000	.13893+000	.14789+000
2	.36898-002	.44124-002	.51899-002	.60202-002	.69014-002
3	.51248-004	.67411-004	.86498-004	.10870-003	.13419-003
H =	.18820+000	.19044+000	.19268+000	.19494+000	.19722+000

THETA=	.15000+001	.16000+001	.17000+001	.18000+001	.19000+001
-I-			P(I)		
0	.83537+000	.82583+000	.81644+000	.80721+000	.79812+000
1	.15663+000	.16517+000	.17349+000	.18162+000	.18955+000
2	.78316-002	.88088-002	.98313-002	.10897-001	.12005-001
3	.16316-003	.19575-003	.23213-003	.27243-003	.31680-003
H =	.19951+000	.20182+000	.20414+000	.20647+000	.20882+000

THETA=	.20000+001	.21000+001	.22000+001	.23000+001	.24000+001
-I-			P(I)		
0	.78918+000	.78038+000	.77173+000	.76321+000	.75482+000
1	.19730+000	.20485+000	.21223+000	.21942+000	.22645+000
2	.13153-001	.14340-001	.15563-001	.16822-001	.18116-001
3	.36536-003	.41824-003	.47554-003	.53738-003	.60386-003
4	.52195-005	.62736-005	.74728-005	.88284-005	.10352-004
H =	.21119+000	.21357+000	.21597+000	.21838+000	.22080+000

THETA=	.25000+001	.26000+001	.27000+001	.28000+001	.29000+001
-I-			P(I)		
0	.74657+000	.73844+000	.73044+000	.72256+000	.71481+000
1	.23330+000	.23999+000	.24652+000	.25290+000	.25912+000
2	.19442-001	.20799-001	.22187-001	.23604-001	.25048-001
3	.67507-003	.75109-003	.83202-003	.91792-003	.10089-002
4	.12055-004	.13949-004	.16046-004	.18358-004	.20898-004
H =	.22324+000	.22570+000	.22817+000	.23066+000	.23316+000

THETA=	.30000+001	.31000+001	.32000+001	.33000+001	.34000+001
-I-			P(I)		
0	.70717+000	.69964+000	.69223+000	.68493+000	.67774+000
1	.26519+000	.27111+000	.27689+000	.28253+000	.28804+000
2	.26519-001	.28015-001	.29535-001	.31079-001	.32644-001
3	.11049-002	.12062-002	.13127-002	.14244-002	.15415-002
4	.23677-004	.26709-004	.30004-004	.33576-004	.37437-004
H =	.23568+000	.23822+000	.24077+000	.24333+000	.24592+000

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3   U3 = 1

THETA=	.35000+001	.36000+001	.37000+001	.38000+001	.39000+001
-I-			P(I)		
0	.67065+000	.66367+000	.65679+000	.65001+000	.64333+000
1	.29341+000	.29865+000	.30377+000	.30876+000	.31362+000
2	.34231-001	.35838-001	.37465-001	.39109-001	.40771-001
3	.16640-002	.17919-002	.19253-002	.20641-002	.22084-002
4	.41600-004	.46078-004	.50882-004	.56025-004	.61521-004
H =	.24851+000	.25113+000	.25376+000	.25640+000	.25907+000

THETA=	.40000+001	.41000+001	.42000+001	.43000+001	.44000+001
-I-			P(I)		
0	.63675+000	.63026+000	.62386+000	.61756+000	.61134+000
1	.31837+000	.32301+000	.32753+000	.33194+000	.33624+000
2	.42450-001	.44144-001	.45854-001	.47578-001	.49315-001
3	.23583-002	.25138-002	.26748-002	.28414-002	.30137-002
4	.67381-004	.73618-004	.80244-004	.87273-004	.94715-004
H =	.26175+000	.26444+000	.26715+000	.26988+000	.27263+000

THETA=	.45000+001	.46000+001	.47000+001	.48000+001	.49000+001
-I-			P(I)		
0	.60521+000	.59917+000	.59321+000	.58733+000	.58153+000
1	.34043+000	.34452+000	.34851+000	.35240+000	.35619+000
2	.51065-001	.52826-001	.54600-001	.56384-001	.58178-001
3	.31915-002	.33750-002	.35641-002	.37589-002	.39593-002
4	.10258-003	.11089-003	.11965-003	.12888-003	.13858-003
H =	.27539+000	.27816+000	.28096+000	.28377+000	.28660+000

THETA=	.50000+001	.52000+001	.54000+001	.56000+001	.58000+001
-I-			P(I)		
0	.57582+000	.56462+000	.55372+000	.54311+000	.53278+000
1	.35989+000	.36700+000	.37376+000	.38018+000	.38627+000
2	.59981-001	.63613-001	.67277-001	.70966-001	.74678-001
3	.41653-002	.45943-002	.50458-002	.55196-002	.60158-002
4	.14876-003	.17065-003	.19462-003	.22078-003	.24922-003
5				.51516-005	.60229-005
H =	.28944+000	.29519+000	.30100+000	.30687+000	.31282+000

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   3   U3 =   1

THETA=	.60000+001	.62000+001	.64000+001	.66000+001	.68000+001
-I-			P(I)		
0	.52273+000	.51293+000	.50339+000	.49408+000	.48502+000
1	.39204+000	.39752+000	.40271+000	.40762+000	.41227+C00
2	.78409-001	.82154-001	.85911-001	.89676-001	.93447-001
3	.65341-002	.70744-002	.76365-002	.82203-002	.88256-002
4	.28003-003	.31329-003	.34910-003	.38753-003	.42867-003
5	.70008-005	.80934-005	.93093-005	.10657-004	.12146-004
H =	.31884+000	.32493+000	.33109+000	.33732+000	.34363+000

THETA=	.70000+001	.72000+001	.74000+001	.76000+001	.78000+001
-I-			P(I)		
0	.47618+000	.46756+000	.45916+000	.45096+000	.44296+000
1	.41666+000	.42081+000	.42472+000	.42841+000	.43189+000
2	.97220-001	.10099+000	.10476+000	.10853+000	.11229+000
3	.94520-002	.10099-001	.10767-001	.11456-001	.12165-001
4	.47260-003	.51940-003	.56914-003	.62190-003	.67775-003
5	.13784-004	.15582-004	.17548-004	.19693-004	.22027-004
H =	.35001+000	.35646+000	.36298+000	.36958+000	.37626+000

THETA=	.80000+001	.82000+001	.84000+001	.86000+001	.88000+001
-I-			P(I)		
0	.43515+000	.42753+000	.42009+000	.41283+000	.40573+000
1	.43515+000	.43822+000	.44110+000	.44379+000	.44631+000
2	.11604+000	.11978+000	.12351+000	.12722+000	.13092+000
3	.12893-001	.13642-001	.14409-001	.15196-001	.16001-001
4	.73677-003	.79901-003	.86455-003	.93345-003	.10058-002
5	.24559-004	.27299-004	.30259-004	.33449-004	.36878-004
H =	.38301+000	.38983+000	.39674+000	.40372+000	.41078+000

THETA=	.90000+001	.92000+001	.94000+001	.96000+001	.98000+001
-I-			P(I)		
0	.39880+000	.39203+000	.38542+000	.37895+000	.37263+000
1	.44865+000	.45084+000	.45287+000	.45474+000	.45648+000
2	.13460+000	.13826+000	.14190+000	.14552+000	.14912+000
3	.16825-001	.17666-001	.18526-001	.19402-001	.20296-001
4	.10816-002	.11609-002	.12439-002	.13304-002	.14207-002
5	.40559-004	.44502-004	.48718-004	.53218-004	.58013-004
H =	.41792+000	.42513+000	.43243+000	.43981+000	.44727+000

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3   U3 = 1

THETA=	.10000+002	.10200+002	.10400+002	.10600+002	.10800+002
-I-			P(I)		
0	.36646+000	.36041+000	.35451+000	.34873+000	.34308+000
1	.45807+000	.45953+000	.46086+000	.46207+000	.46316+000
2	.15269+000	.15624+000	.15976+000	.16326+000	.16674+000
3	.21207-001	.22134-001	.23077-001	.24036-001	.25010-001
4	.15148-002	.16126-002	.17143-002	.18199-002	.19294-002
5	.63116-004	.68536-004	.74286-004	.80378-004	.86822-004
H =	.45481+000	.46243+000	.47014+000	.47792+000	.48580+000

THETA=	.11000+002	.11200+002	.11400+002	.11600+002	.11800+002
-I-			P(I)		
0	.33755+000	.33214+000	.32684+000	.32165+000	.31659+000
1	.46413+000	.46499+000	.46575+000	.46641+000	.46697+000
2	.17018+000	.17360+000	.17699+000	.18035+000	.18367+000
3	.26000-001	.27004-001	.28023-001	.29056-001	.30102-001
4	.20428-002	.21603-002	.22819-002	.24075-002	.25372-002
5	.93631-004	.10082-003	.10839-003	.11636-003	.12474-003
H =	.49375+000	.50180+000	.50993+000	.51814+000	.52645+000

THETA=	.12000+002	.12200+002	.12400+002	.12600+002	.12800+002
-I-			P(I)		
0	.31162+000	.30676+000	.30200+000	.29733+000	.29276+000
1	.46743+000	.46781+000	.46809+000	.46830+000	.46842+000
2	.18697+000	.19024+000	.19348+000	.19668+000	.19986+000
3	.31162-001	.32235-001	.33321-001	.34420-001	.35531-001
4	.26710-002	.28091-002	.29513-002	.30978-002	.32485-002
5	.13355-003	.14280-003	.15248-003	.16263-003	.17325-003
6			.50022-005	.54211-005	.58668-005
H =	.53484+000	.54331+000	.55188+000	.56054+000	.56929+000

THETA=	.13000+002	.13200+002	.13400+002	.13600+002	.13800+002
-I-			P(I)		
0	.29829+000	.28390+000	.27960+000	.27539+000	.27126+000
1	.46846+000	.46844+000	.46833+000	.46816+000	.46793+000
2	.20300+000	.20611+000	.20919+000	.21223+000	.21525+000
3	.36653-001	.37787-001	.38932-001	.40089-001	.41256-001
4	.34035-002	.35628-002	.37264-002	.38943-002	.40666-002
5	.18436-003	.19595-003	.20806-003	.22068-003	.23383-003
6	.63403-005	.68428-005	.73756-005	.79398-005	.85367-005
H =	.57813+000	.58706+000	.59608+000	.60520+000	.61441+000

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   3   U3 =   1

THETA=	.14000+002	.14200+002	.14400+002	.14600+002	.14800+002
-I-			-P(I)-		
0	.26722+000	.26325+000	.25936+000	.25554+000	.25180+000
1	.46763+000	.46726+000	.46684+000	.46637+000	.46583+000
2	.21823+000	.22117+000	.22408+000	.22696+000	.22981+000
3	.42433-001	.43620-001	.44817-001	.46023-001	.47239-001
4	.42433-002	.44243-002	.46097-002	.47996-002	.49938-002
5	.24752-003	.26177-003	.27658-003	.29197-003	.30795-003
6	.91676-005	.98338-005	.10537-004	.11277-004	.12057-004
H =	.62372+000	.63312+000	.64261+000	.65221+000	.66190+000

THETA=	.15000+002	.15500+002	.16000+002	.16500+002	.17000+002
-I-			-P(I)-		
0	.24813+000	.23926+000	.23080+000	.22273+000	.21503+000
1	.46525+000	.46357+000	.46161+000	.45939+000	.45693+000
2	.23262+000	.23951+000	.24619+000	.25266+000	.25893+000
3	.48463-001	.51562-001	.54709-001	.57902-001	.61136-001
4	.51925-002	.57086-002	.62525-002	.68242-002	.74237-002
5	.32453-003	.36868-003	.41683-003	.46916-003	.52584-003
6	.12878-004	.15118-004	.17644-004	.20479-004	.23649-004
H =	.67168+000	.69658+000	.72211+000	.74828+000	.77509+000

THETA=	.17500+002	.18000+002	.18500+002	.19000+002	.19500+002
-I-			-P(I)-		
0	.20767+000	.20063+000	.19390+000	.18746+000	.18130+000
1	.45427+000	.45142+000	.44839+000	.44522+000	.44191+000
2	.26499+000	.27085+000	.27651+000	.28197+000	.28724+000
3	.64407-001	.67713-001	.71048-001	.74409-001	.77794-001
4	.80509-002	.87059-002	.93884-002	.10098-001	.10836-001
5	.58705-003	.65294-003	.72369-003	.79946-003	.88039-003
6	.27178-004	.31092-004	.35419-004	.40184-004	.45417-004
H =	.80257+000	.83072+000	.85955+000	.88908+000	.91931+000

THETA=	.20000+002	.21000+002	.22000+002	.23000+002	.24000+002
-I-			-P(I)-		
0	.17539+000	.16430+000	.15410+000	.14470+000	.13602+000
1	.43847+000	.43130+000	.42379+000	.41602+000	.40807+000
2	.29232+000	.30191+000	.31078+000	.31895+000	.32645+000
3	.81199-001	.88057-001	.94960-001	.10189+000	.10882+000
4	.11600-001	.13209-001	.14922-001	.16738-001	.18654-001
5	.96666-003	.11557-002	.13679-002	.16041-002	.18654-002
6	.51146-004	.64208-004	.79611-004	.97604-004	.11844-003
7					.50760-005
H =	.95026+000	.10144+001	.10815+001	.11518+001	.12253+001

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U2 = 3 \qquad U3 = 1$

THETA=	.25000+002	.30000+002	.35000+002	.40000+002	.45000+002
-I-			P(I)		
0	.12799+000	.95761-001	.73099-001	.56738-001	.44663-001
1	.39998+000	.35910+000	.31981+000	.28369+000	.25123+000
2	.33332+000	.35910+000	.37311+000	.37825+000	.37684+000
3	.11574+000	.14963+000	.18137+000	.21014+000	.23553+000
4	.20667-001	.32063-001	.45343-001	.60040-001	.75705-001
5	.21528-002	.40078-002	.66126-002	.10007-001	.14195-001
6	.14238-003	.31808-003	.61227-003	.10589-002	.16899-002
7	.63564-005	.17040-004	.38267-004	.75636-004	.13579-003
8					.77154-005
H =	.13021+001	.17404+001	.22800+001	.29375+001	.37316+001

THETA=	.50000+002	.55000+002	.60000+002	.65000+002	.70000+002
-I-			P(I)		
0	.35587-001	.28657-001	.23292-001	.19089-001	.15762-001
1	.22242+000	.19701+000	.17469+000	.15510+000	.13791+000
2	.37070+000	.36119+000	.34938+000	.33605+000	.32160+000
3	.25743+000	.27591+000	.29115+000	.30338+000	.31286+000
4	.91939-001	.10839+000	.12478+000	.14085+000	.15643+000
5	.19154-001	.24840-001	.31194-001	.38148-001	.45626-001
6	.25336-002	.36143-002	.49515-002	.65598-002	.84492-002
7	.22621-003	.35498-003	.53052-003	.76141-003	.10561-002
8	.14281-004	.24651-004	.40191-004	.62489-004	.93347-004
9					.60502-005
H =	.46834+001	.58160+001	.71556+001	.87310+001	.10574+002

THETA=	.75000+002	.80000+002	.85000+002	.90000+002	.95000+002
-I-			P(I)		
0	.13102-001	.10958-001	.92167-002	.77920-002	.66189-002
1	.12283+000	.10958+000	.97928-001	.87660-001	.78599-001
2	.30708+000	.29222+000	.27746+000	.26298+000	.24890+000
3	.31988+000	.32469+000	.32756+000	.32872+000	.32841+000
4	.17136+000	.18554+000	.19888+000	.21132+000	.22285+000
5	.53551-001	.61846-001	.70435-001	.79246-001	.88210-001
6	.10525-001	.13089-001	.15839-001	.18868-001	.22169-001
7	.14230-002	.18699-002	.24041-002	.30324-002	.37608-002
8	.13476-003	.18888-003	.25801-003	.34459-003	.45111-003
9	.93580-005	.13991-004	.20307-004	.28716-004	.39681-004
H =	.12721+002	.15209+002	.18083+002	.21390+002	.25381+002

#1201

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   3   U3 =   1

THETA= .10000+003

-I-	P(I)
0	.56472-002
1	.70590-001
2	.23530+000
3	.32680+000
4	.23343+000
5	.97283-001
6	.25731-001
7	.45948-002
3	.58015-003
9	.53718-004
H =	.29513+002

U2 =   3   U3 =   2

THETA=	.00000+000	.10000-001	.20000-001	.30000-001	.40000-001
-I-			P(I)		
0	.10000+001	.99917+000	.99834+000	.99750+000	.99667+000
1		.83264-003	.16639-002	.24938-002	.33222-002
H =	.83333-001	.83403-001	.83472-001	.83542-001	.83611-001

THETA=	.50000-001	.60000-001	.70000-001	.80000-001	.90000-001
-I-			P(I)		
0	.99585+000	.99502+000	.99419+000	.99336+000	.99254+000
1	.41494-002	.49751-002	.57994-002	.66224-002	.74440-002
2	.51867-005	.74626-005	.10149-004	.13245-004	.16749-004
H =	.83681-001	.83751-001	.83820-001	.83890-001	.83960-001

THETA=	.10000+000	.11000+000	.12000+000	.13000+000	.14000+000
-I-			P(I)		
0	.99172+000	.99089+000	.99007+000	.98925+000	.98843+000
1	.82643-002	.90832-002	.99007-002	.10717-001	.11532-001
2	.20661-004	.24979-004	.29702-004	.34830-004	.40361-004
H =	.84030-001	.84099-001	.84169-001	.84239-001	.84309-001

THETA=	.15000+000	.16000+000	.17000+000	.18000+000	.19000+000
-I-			P(I)		
0	.98761+000	.98679+000	.98597+000	.98516+000	.98434+000
1	.12345-001	.13157-001	.13968-001	.14777-001	.15585-001
2	.46294-004	.52629-004	.59364-004	.66498-004	.74031-004
H =	.84379-001	.84449-001	.84519-001	.84589-001	.84659-001

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   3   U3 =   2

THETA=	.20000+000	.21000+000	.22000+000	.23000+000	.24000+000
-I-			P(I)		
0	.98353+000	.98271+000	.98190+000	.98109+000	.98028+000
1	.16392-001	.17197-001	.18001-001	.18804-001	.19606-001
2	.81960-004	.90287-004	.99008-004	.10812-003	.11763-003
H =	.84729-001	.84799-001	.84870-001	.84940-001	.85010-001

THETA=	.25000+000	.26000+000	.27000+000	.28000+000	.29000+000
-I-			P(I)		
0	.97947+000	.97866+000	.97785+000	.97704+000	.97624+000
1	.20406-001	.21204-001	.22002-001	.22798-001	.23592-001
2	.12753-003	.13783-003	.14851-003	.15958-003	.17104-003
H =	.85080-001	.85151-001	.85221-001	.85291-001	.85362-001

THETA=	.30000+000	.31000+000	.32000+000	.33000+000	.34000+000
-I-			P(I)		
0	.97543+000	.97463+000	.97382+000	.97302+000	.97222+000
1	.24386-001	.25178-001	.25969-001	.26758-001	.27546-001
2	.18289-003	.19513-003	.20775-003	.22075-003	.23414-003
H =	.85432-001	.85503-001	.85573-001	.85644-001	.85715-001

THETA=	.35000+000	.36000+000	.37000+000	.38000+000	.39000+000
-I-			P(I)		
0	.97142+000	.97062+000	.96982+000	.96902+000	.96822+000
1	.28333-001	.29119-001	.29903-001	.30686-001	.31467-001
2	.24791-003	.26207-003	.27660-003	.29151-003	.30681-003
H =	.85785-001	.85856-001	.85927-001	.85997-001	.86068-001

THETA=	.40000+000	.41000+000	.42000+000	.43000+000	.44000+000
-I-			P(I)		
0	.96743+000	.96663+000	.96584+000	.96505+000	.96425+000
1	.32248-001	.33027-001	.33804-001	.34581-001	.35356-001
2	.32248-003	.33852-003	.35495-003	.37174-003	.38892-003
H =	.86139-001	.86210-001	.86281-001	.86352-001	.86423-001

THETA=	.45000+000	.46000+000	.47000+000	.48000+000	.49000+000
-I-			P(I)		
0	.96346+000	.96267+000	.96188+000	.96109+000	.96030+000
1	.36130-001	.36902-001	.37674-001	.38444-001	.39212-001
2	.40646-003	.42438-003	.44267-003	.46132-003	.48035-003
H =	.86494-001	.86565-001	.86636-001	.86707-001	.86778-001

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3   U3 = 2

THETA=	.50000+000	.60000+000	.70000+000	.80000+000	.90000+000
-I-	--------------------P(I)--------------------------				
0	.95952+000	.95170+000	.94396+000	.93632+000	.92876+000
1	.39980-001	.47585-001	.55065-001	.62421-001	.69657-001
2	.49975-003	.71377-003	.96363-003	.12494-002	.15673-002
3			.74949-005	.11097-004	.15673-004
H =	.86849-001	.87563-001	.88280-001	.89001-001	.89725-001

THETA=	.10000+001	.11000+001	.12000+001	.13000+001	.14000+001
-I-	--------------------P(I)--------------------------				
0	.92129+000	.91389+000	.90659+000	.89936+000	.89221+000
1	.76774-001	.83774-001	.90659-001	.97430-001	.10409+000
2	.19193-002	.23038-002	.27198-002	.31665-002	.36432-002
3	.21326-004	.28157-004	.36263-004	.45738-004	.56672-004
H =	.90453-001	.91185-001	.91920-001	.92659-001	.93401-001

THETA=	.15000+001	.16000+001	.17000+001	.18000+001	.19000+001
-I-	--------------------P(I)--------------------------				
0	.88514+000	.87815+000	.87123+000	.86439+000	.85762+000
1	.11064+000	.11709+000	.12342+000	.12966+000	.13579+000
2	.41491-002	.46834-002	.52455-002	.58346-002	.64500-002
3	.69151-004	.83261-004	.99082-004	.11669-003	.13617-003
H =	.94147-001	.94897-001	.95650-001	.96407-001	.97168-001

THETA=	.20000+001	.21000+001	.22000+001	.23000+001	.24000+001
-I-	--------------------P(I)--------------------------				
0	.85093+000	.84431+000	.83776+000	.83127+000	.82486+000
1	.14182+000	.14775+000	.15359+000	.15933+000	.16497+000
2	.70911-002	.77571-002	.84474-002	.91613-002	.98983-002
3	.15758-003	.18100-003	.20649-003	.23412-003	.26396-003
H =	.97932-001	.98700-001	.99472-001	.10025+000	.10103+000

THETA=	.25000+001	.26000+001	.27000+001	.28000+001	.29000+001
-I-	--------------------P(I)--------------------------				
0	.81852+000	.81224+000	.80603+000	.79988+000	.79380+000
1	.17052+000	.17599+000	.18136+000	.18664+000	.19184+000
2	.10658-001	.11439-001	.12242-001	.13065-001	.13908-001
3	.29605-003	.33046-003	.36725-003	.40646-003	.44815-003
4		.51143-005	.59022-005	.67743-005	.77359-005
H =	.10181+000	.10260+000	.10339+000	.10418+000	.10498+000

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   3   U3 =   2

THETA=	.30000+001	.31000+001	.32000+001	.33000+001	.34000+001
-I-	---------------------P(I)--------------------------				
0	.78778+000	.78183+000	.77593+000	.77010+000	.76432+000
1	.19695+000	.20197+000	.20692+000	.21178+000	.21656+000
2	.14771-001	.15653-001	.16553-001	.17472-001	.18407-001
3	.49236-003	.53915-003	.58856-003	.64063-003	.69539-003
4	.87922-005	.99486-005	.11211-004	.12584-004	.14073-004
H =	.10578+000	.10659+000	.10740+000	.10821+000	.10903+000

THETA=	.35000+001	.36000+001	.37000+001	.38000+001	.39000+001
-I-	---------------------P(I)--------------------------				
0	.75861+000	.75295+000	.74735+000	.74181+000	.73633+000
1	.22126+000	.22589+000	.23043+000	.23491+000	.23931+000
2	.19360-001	.20330-001	.21315-001	.22316-001	.23332-001
3	.75290-003	.81319-003	.87629-003	.94224-003	.10111-002
4	.15685-004	.17425-004	.19299-004	.21313-004	.23471-004
H =	.10985+000	.11068+000	.11150+000	.11234+000	.11317+000

THETA=	.40000+001	.41000+001	.42000+001	.43000+001	.44000+001
-I-	---------------------P(I)--------------------------				
0	.73090+000	.72552+000	.72020+000	.71493+000	.70971+000
1	.24363+000	.24789+000	.25207+000	.25618+000	.26023+000
2	.24363-001	.25408-001	.26467-001	.27540-001	.28625-001
3	.10828-002	.11575-002	.12351-002	.13158-002	.13994-002
4	.25781-004	.28248-004	.30878-004	.33678-004	.36652-004
H =	.11402+000	.11486+000	.11571+000	.11656+000	.11742+000

THETA=	.45000+001	.46000+001	.47000+001	.48000+001	.49000+001
-I-	---------------------P(I)--------------------------				
0	.70455+000	.69943+000	.69437+000	.68935+000	.68439+000
1	.26420+000	.26812+000	.27196+000	.27574+000	.27946+000
2	.29723-001	.30833-001	.31955-001	.33089-001	.34234-001
3	.14862-002	.15759-002	.16688-002	.17647-002	.18638-002
4	.39808-004	.43150-004	.46686-004	.50421-004	.54362-004
H =	.11828+000	.11914+000	.12001+000	.12089+000	.12176+000

THETA=	.50000+001	.52000+001	.54000+001	.56000+001	.58000+001
-I-	---------------------P(I)--------------------------				
0	.67947+000	.66978+000	.66028+000	.65096+000	.64181+000
1	.28311+000	.29024+000	.29712+000	.30378+000	.31021+000
2	.35389-001	.37731-001	.40112-001	.42529-001	.44980-001
3	.19661-002	.21800-002	.24067-002	.26463-002	.28987-002
4	.58514-004	.67477-004	.77359-004	.88208-004	.10008-003
H =	.12264+000	.12442+000	.12621+000	.12802+000	.12984+000

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   3   U3 =   2

THETA=	.60000+001	.62000+001	.64000+001	.66000+001	.68000+001
-I-			-P(I)-		
0	.63284+000	.62403+000	.61540+000	.60692+000	.59859+000
1	.31642+000	.32242+000	.32821+000	.33380+000	.33920+000
2	.47463-001	.49975-001	.52514-001	.55078-001	.57665-001
3	.31642-002	.34427-002	.37343-002	.40390-002	.43569-002
4	.11301-003	.12705-003	.14226-003	.15868-003	.17635-003
H =	.13168+000	.13354+000	.13541+000	.13731+000	.13922+000

THETA=	.70000+001	.72000+001	.74000+001	.76000+001	.78000+001
-I-			-P(I)-		
0	.59042+000	.58240+000	.57453+000	.56680+000	.55920+000
1	.34441+000	.34944+000	.35429+000	.35897+000	.36348+000
2	.60273-001	.62900-001	.65544-001	.68205-001	.70879-001
3	.46879-002	.50320-002	.53892-002	.57595-002	.61428-002
4	.19533-003	.21566-003	.23738-003	.26055-003	.28520-003
5		.55454-005	.62736-005	.70720-005	.79450-005
H =	.14114+000	.14308+000	.14505+000	.14703+000	.14902+000

THETA=	.80000+001	.82000+001	.84000+001	.86000+001	.88000+001
-I-			-P(I)-		
0	.55174+000	.54442+000	.53722+000	.53015+000	.52321+000
1	.36783+000	.37202+000	.37606+000	.37994+000	.38368+000
2	.73566-001	.76264-001	.78972-001	.81688-001	.84411-001
3	.65392-002	.69485-002	.73707-002	.78057-002	.82535-002
4	.31139-003	.33915-003	.36853-003	.39958-003	.43232-003
5	.88969-005	.99323-005	.11056-004	.12273-004	.13587-004
H =	.15104+000	.15307+000	.15512+000	.15719+000	.15927+000

THETA=	.90000+001	.92000+001	.94000+001	.96000+001	.98000+001
-I-			-P(I)-		
0	.51638+000	.50967+000	.50308+000	.49660+000	.49023+000
1	.38728+000	.39075+000	.39408+000	.39728+000	.40036+000
2	.87139-001	.89872-001	.92609-001	.95347-001	.98087-001
3	.87139-002	.91869-002	.96725-002	.10170-001	.10681-001
4	.46682-003	.50309-003	.54120-003	.58116-003	.62303-003
5	.15005-004	.16530-004	.18169-004	.19926-004	.21806-004
H =	.16138+000	.16350+000	.16565+000	.16781+000	.16999+000

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3   U3 = 2

THETA=	.10000+002	.10200+002	.10400+002	.10600+002	.10800+002
-I-			-P(I)-		
0	.48397+000	.47781+000	.47176+000	.46591+000	.45996+000
1	.40331+000	.40614+000	.40886+000	.41147+000	.41396+000
2	.10083+000	.10357+000	.10630+000	.10904+000	.11177+000
3	.11203-001	.11738-001	.12284-001	.12842-001	.13412-001
4	.66685-003	.71263-003	.76044-003	.81029-003	.86223-003
5	.23816-004	.25960-004	.28245-004	.30675-004	.33257-004
H =	.17219+000	.17441+000	.17664+000	.17890+000	.18118+000

THETA=	.11000+002	.11200+002	.11400+002	.11600+002	.11800+002
-I-			-P(I)-		
0	.45420+003	.44854+000	.44297+000	.43750+000	.43211+000
1	.41635+000	.41864+000	.42083+000	.42291+000	.42491+000
2	.11450+000	.11722+000	.11994+000	.12264+000	.12535+000
3	.13994-001	.14587-001	.15192-001	.15808-001	.16434-001
4	.91628-003	.97248-003	.10309-002	.10915-002	.11543-002
5	.35997-004	.38899-004	.41971-004	.45218-004	.48646-004
H =	.18347+000	.18579+000	.18812+000	.19048+000	.19285+000

THETA=	.12000+002	.12200+002	.12400+002	.12600+002	.12800+002
-I-			-P(I)-		
0	.42681+000	.42159+000	.41646+000	.41141+000	.40643+000
1	.42681+000	.42862+000	.43034+000	.43198+000	.43353+000
2	.12804+000	.13073+000	.13341+000	.13607+000	.13873+000
3	.17072-001	.17721-001	.18380-001	.19050-001	.19730-001
4	.12194-002	.12869-002	.13566-002	.14288-002	.15033-002
5	.52262-004	.56071-004	.60080-004	.64294-004	.68721-004
H =	.19525+000	.19766+000	.20010+000	.20256+000	.20503+000

THETA=	.13000+002	.13200+002	.13400+002	.13600+002	.13800+002
-I-			-P(I)-		
0	.40154+000	.39673+000	.39199+000	.38732+000	.38273+000
1	.43500+000	.43640+000	.43772+000	.43896+000	.44013+000
2	.14138+000	.14401+000	.14664+000	.14925+000	.15185+000
3	.20421-001	.21122-001	.21832-001	.22553-001	.23283-001
4	.15802-002	.16596-002	.17414-002	.18257-002	.19125-002
5	.73366-004	.78237-004	.83338-004	.88677-004	.94261-004
H =	.20753+000	.21005+000	.21259+000	.21515+000	.21774+000

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   3   U3 =   2

THETA=	.14000+002	.14200+002	.14400+002	.14600+002	.14800+002
-I-	--------------------P(I)--------------------
0	.37820+000	.37375+000	.36936+000	.36504+000	.36079+000
1	.44124+000	.44227+000	.44324+000	.44414+000	.44498+000
2	.15443+000	.15701+000	.15957+000	.16211+000	.16464+000
3	.24023-001	.24772-001	.25530-001	.26298-001	.27074-001
4	.20019-002	.20938-002	.21883-002	.22854-002	.23851-002
5	.10010-003	.10619-003	.11254-003	.11917-003	.12607-003
H =	.22034+000	.22297+000	.22561+000	.22828+000	.23097+000

THETA=	.15000+002	.15500+002	.16000+002	.16500+002	.17000+002
-I-	--------------------P(I)--------------------
0	.35660+000	.34640+000	.33658+000	.32712+000	.31799+000
1	.44575+000	.44744+000	.44878+000	.44979+000	.45049+000
2	.16716+000	.17338+000	.17951+000	.18554+000	.19146+000
3	.27860-001	.29860-001	.31913-001	.34015-001	.36164-001
4	.24875-002	.27550-002	.30393-002	.33408-002	.36595-002
5	.13326-003	.15251-003	.17368-003	.19687-003	.22218-003
6		.54719-005	.64324-005	.75192-005	.87433-005
H =	.23369+000	.24057+000	.24759+000	.25475+000	.26206+000

THETA=	.17500+002	.18000+002	.18500+002	.19000+002	.19500+002
-I-	--------------------P(I)--------------------
0	.30920+000	.30071+000	.29253+000	.28462+000	.27699+000
1	.45091+000	.45107+000	.45098+000	.45065+000	.45011+000
2	.19727+000	.20298+000	.20858+000	.21406+000	.21943+000
3	.38359-001	.40596-001	.42874-001	.45190-001	.47543-001
4	.39957-002	.43496-002	.47213-002	.51108-002	.55184-002
5	.24973-003	.27962-003	.31194-003	.34681-003	.38432-003
6	.10116-004	.11651-004	.13359-004	.15253-004	.17348-004
H =	.26951+000	.27712+000	.28488+000	.29278+000	.30085+000

THETA=	.20000+002	.21000+002	.22000+002	.23000+002	.24000+002
-I-	--------------------P(I)--------------------
0	.26962+000	.25562+000	.24254+000	.23029+000	.21883+000
1	.44937+000	.44734+000	.44465+000	.44139+000	.43765+000
2	.22469+000	.23485+000	.24456+000	.25380+000	.26259+000
3	.49930-001	.54799-001	.59781-001	.64861-001	.70024-001
4	.59441-002	.68499-002	.78284-002	.88797-002	.10003-001
5	.42458-003	.51374-003	.61509-003	.72941-003	.85744-003
6	.19656-004	.24973-004	.31324-004	.38834-004	.47635-004
H =	.30907+000	.32600+000	.34359+000	.36196+000	.38082+000

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   3   U3 =   2

THETA=	.25000+002	.30000+002	.35000+002	.40000+002	.45000+002
-I-			P(I)		
0	.20807+000	.16328+000	.12994+000	.10464+000	.85149-001
1	.43348+000	.40820+000	.37898+000	.34881+000	.31931+000
2	.27093+000	.30615+000	.33161+000	.34881+000	.35922+000
3	.75258-001	.10205+000	.12896+000	.15503+000	.17961+000
4	.11199-001	.18223-001	.26866-001	.36911-001	.48110-001
5	.99991-003	.19525-002	.33583-002	.52730-002	.77320-002
6	.57865-004	.13559-003	.27209-003	.48824-003	.80542-003
7		.64567-005	.15116-004	.31000-004	.57530-004
H =	.40050+000	.51037+000	.64134+000	.79635+000	.97868+000

THETA=	.50000+002	.55000+002	.60000+002	.65000+002	.70000+002
-I-			P(I)		
0	.69917-001	.57872-001	.48246-001	.40483-001	.34168-001
1	.29132+000	.26524+000	.24123+000	.21928+000	.19931+000
2	.36415+000	.36471+000	.36185+000	.35633+000	.34880+000
3	.20230+000	.22288+000	.24123+000	.25735+000	.27129+000
4	.60210-001	.72966-001	.86154-001	.99571-001	.11304+000
5	.10752-001	.14333-001	.18462-001	.23115-001	.28259-001
6	.12444-002	.18248-002	.25641-002	.34779-002	.45791-002
7	.99763-004	.15930-003	.24420-003	.35883-003	.50878-003
8	.56115-005	.99565-005	.16650-004	.26505-004	.40471-004
H =	.11919+001	.14400+001	.17272+001	.20585+001	.24389+001

THETA=	.75000+002	.80000+002	.85000+002	.90000+002	.95000+002
-I-			P(I)		
0	.29993-001	.24723-001	.21177-001	.18216-001	.15730-001
1	.18121+000	.16482+000	.15000+000	.13662+000	.12453+000
2	.33976+000	.32964+000	.31876+000	.30739+000	.29575+000
3	.28314+000	.29301+000	.30105+000	.30739+000	.31218+000
4	.12640+000	.13953+000	.15232+000	.16467+000	.17653+000
5	.33857-001	.39866-001	.46239-001	.52931-001	.59894-001
6	.58780-002	.73825-002	.90980-002	.11027-001	.13171-001
7	.69976-003	.93746-003	.12275-002	.15753-002	.19861-002
8	.59639-004	.85224-004	.11857-003	.16111-003	.21441-003
9		.57390-005	.84832-005	.12206-004	.17146-004
H =	.29742+001	.33707+001	.39351+001	.45748+001	.52979+001

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   3   U3 =   2

THETA= .10000+003

-I-	----------------------------P(I)---------------------------------
0	.13632-001
1	.11360+000
2	.28400+000
3	.31556+000
4	.18783+000
5	.67082-001
6	.15528-001
7	.24648-002
8	.29009-003
9	.23577-004
H =	.61131+001

U2 =   3   U3 =   3

THETA=	.00000+000	.10000-001	.20000-001	.30000-001	.40000-001
-I-	----------------------------P(I)---------------------------------				
0	.10000+001	.99938+000	.99875+000	.99813+000	.99750+000
1		.62461-003	.12484-002	.18715-002	.24938-002
H =	.27778-001	.27795-001	.27813-001	.27830-001	.27847-001

THETA=	.50000-001	.60000-001	.70000-001	.80000-001	.90000-001
-I-	----------------------------P(I)---------------------------------				
0	.99688+000	.99626+000	.99564+000	.99502+000	.99440+000
1	.31153-002	.37360-002	.43559-002	.49751-002	.55935-002
2			.60983-005	.79601-005	.10068-004
H =	.27865-001	.27882-001	.27899-001	.27917-001	.27934-001

THETA=	.10000+000	.11000+000	.12000+000	.13000+000	.14000+000
-I-	----------------------------P(I)---------------------------------				
0	.99378+000	.99316+000	.99254+000	.99192+000	.99130+000
1	.62111-002	.68280-002	.74440-002	.80593-002	.86739-002
2	.12422-004	.15021-004	.17865-004	.20954-004	.24287-004
H =	.27952-001	.27969-001	.27987-001	.28004-001	.28022-001

THETA=	.15000+000	.16000+000	.17000+000	.18000+000	.19000+000
-I-	----------------------------P(I)---------------------------------				
0	.99068+000	.99007+000	.98945+000	.98884+000	.98822+000
1	.92877-002	.99007-002	.10513-001	.11124-001	.11735-001
2	.27863-004	.31682-004	.35744-004	.40048-004	.44593-004
H =	.28039-001	.28056-001	.28074-001	.28091-001	.28109-001

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   3   U3 =   3

THETA=	.20000+000	.21000+000	.22000+000	.23000+000	.24000+000
-I-			---P(I)---		
0	.99761+000	.98699+000	.98638+000	.98576+000	.98515+000
1	.12345-001	.12954-001	.13563-001	.14170-001	.14777-001
2	.49380-004	.54408-004	.59676-004	.65184-004	.70931-004
H =	.29126-001	.28144-001	.28161-001	.28179-001	.28196-001

THETA=	.25000+000	.26000+000	.27000+000	.28000+000	.29000+000
-I-			---P(I)---		
0	.98454+000	.98393+000	.98332+000	.98271+000	.98210+000
1	.15383-001	.15989-001	.16593-001	.17197-001	.17800-001
2	.76917-004	.83142-004	.89605-004	.96305-004	.10324-003
H =	.28214-001	.28232-001	.28249-001	.28267-001	.28284-001

THETA=	.30000+000	.31000+000	.32000+000	.33000+000	.34000+000
-I-			---P(I)---		
0	.98149+000	.98088+000	.98027+000	.97966+000	.97905+000
1	.18403-001	.19004-001	.19605-001	.20206-001	.20805-001
2	.11042-003	.11783-003	.12547-003	.13336-003	.14147-003
H =	.28302-001	.28319-001	.28337-001	.28354-001	.28372-001

THETA=	.35000+000	.36000+000	.37000+000	.38000+000	.39000+000
-I-			---P(I)---		
0	.97845+000	.97784+000	.97723+000	.97663+000	.97602+000
1	.21404-001	.22001-001	.22599-001	.23195-001	.23791-001
2	.14982-003	.15841-003	.16723-003	.17628-003	.18557-003
H =	.28390-001	.28407-001	.28425-001	.28443-001	.28460-001

THETA=	.40000+000	.41000+000	.42000+000	.43000+000	.44000+000
-I-			---P(I)---		
0	.97542+000	.97481+000	.97421+000	.97361+000	.97301+000
1	.24385-001	.24980-001	.25573-001	.26166-001	.26758-001
2	.19508-003	.20483-003	.21481-003	.22503-003	.23547-003
H =	.28478-001	.28495-001	.28513-001	.28531-001	.28548-001

THETA=	.45000+000	.46000+000	.47000+000	.48000+000	.49000+000
-I-			---P(I)---		
0	.97240+000	.97180+000	.97120+000	.97060+000	.97000+000
1	.27349-001	.27939-001	.28529-001	.29118-001	.29706-001
2	.24614-003	.25704-003	.26817-003	.27953-003	.29112-003
H =	.28566-001	.28584-001	.28601-001	.28619-001	.28637-001

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   3   U3 =   3

THETA=	.50000+000	.60000+000	.70000+000	.80000+000	.90000+000
-I-			P(I)		
0	.96940+000	.96344+000	.95752+000	.95165+000	.94583+000
1	.30294-001	.36129-001	.41891-001	.47583-001	.53203-001
2	.30294-003	.43355-003	.58648-003	.76132-003	.95765-003
3				.56394-005	.79805-005
H =	.28655-001	.28832-001	.29010-001	.29189-001	.29369-001

THETA=	.10000+001	.11000+001	.12000+001	.13000+001	.14000+001
-I-			P(I)		
0	.94006+000	.93434+000	.92866+000	.92303+000	.91745+000
1	.58754-001	.64236-001	.69650-001	.74996-001	.80277-001
2	.11751-002	.14132-002	.16716-002	.19499-002	.22477-002
3	.10880-004	.14394-004	.18573-004	.23471-004	.29137-004
H =	.29549-001	.29730-001	.29912-001	.30094-001	.30277-001

THETA=	.15000+001	.16000+001	.17000+001	.18000+001	.19000+001
-I-			P(I)		
0	.91191+000	.90641+000	.90097+000	.89556+000	.89020+000
1	.85491-001	.90641-001	.95728-001	.10075+000	.10571+000
2	.25647-002	.29005-002	.32547-002	.36270-002	.40170-002
3	.35621-004	.42971-004	.51232-004	.60450-004	.70670-004
H =	.30461-001	.30646-001	.30831-001	.31017-001	.31204-001

THETA=	.20000+001	.21000+001	.22000+001	.23000+001	.24000+001
-I-			P(I)		
0	.88488+000	.87961+000	.87437+000	.86918+000	.86403+000
1	.11061+000	.11545+000	.12023+000	.12495+000	.12961+000
2	.44244-002	.48488-002	.52900-002	.57475-002	.62210-002
3	.81934-004	.94283-004	.10776-003	.12240-003	.13825-003
H =	.31391-001	.31580-001	.31769-001	.31958-001	.32149-001

THETA=	.25000+001	.26000+001	.27000+001	.28000+001	.29000+001
-I-			P(I)		
0	.85893+000	.85385+000	.84883+000	.84384+000	.83889+000
1	.13421+000	.13875+000	.14324+000	.14767+000	.15205+000
2	.67104-002	.72151-002	.77350-002	.82696-002	.88188-002
3	.15533-003	.17370-003	.19337-003	.21440-003	.23680-003
H =	.32340-001	.32532-001	.32725-001	.32918-001	.33112-001

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   3   U3 =   3

THETA=	.30000+001	.31000+001	.32000+001	.33000+001	.34000+001
-I-			P(I)		
0	.83398+000	.82911+000	.82428+000	.81948+000	.81472+000
1	.15637+000	.16064+000	.16486+000	.16902+000	.17313+000
2	.93823-002	.99597-002	.10551-001	.11155-001	.11773-001
3	.26062-003	.28588-003	.31261-003	.34095-003	.37062-003
4			.51039-005	.57388-005	.64292-005
H =	.33307-001	.33503-001	.33700-001	.33897-001	.34095-001

THETA=	.35000+001	.36000+001	.37000+001	.38000+001	.39000+001
-I-			P(I)		
0	.81000+000	.80532+000	.80067+000	.79605+000	.79148+000
1	.17719+000	.18120+000	.18515+000	.18906+000	.19292+000
2	.12403-001	.13046-001	.13701-001	.14369-001	.15048-001
3	.40195-003	.43487-003	.46940-003	.50557-003	.54340-003
4	.71777-005	.79874-005	.88611-005	.98018-005	.10813-004
H =	.34294-001	.34493-001	.34693-001	.34894-001	.35096-001

THETA=	.40000+001	.41000+001	.42000+001	.43000+001	.44000+001
-I-			P(I)		
0	.78693+000	.78243+000	.77795+000	.77351+000	.76911+000
1	.19673+000	.20050+000	.20421+000	.20788+000	.21150+000
2	.15739-001	.16441-001	.17154-001	.17877-001	.18612-001
3	.58291-003	.62414-003	.66709-003	.71160-003	.75828-003
4	.11896-004	.13056-004	.14295-004	.15616-004	.17023-004
H =	.35299-001	.35502-001	.35706-001	.35911-001	.36117-001

THETA=	.45000+001	.46000+001	.47000+001	.48000+001	.49000+001
-I-			P(I)		
0	.76474+000	.76040+000	.75609+000	.75182+000	.74757+000
1	.21508+000	.21861+000	.22210+000	.22554+000	.22894+000
2	.19357-001	.20112-001	.20878-001	.21652-001	.22437-001
3	.80656-003	.85664-003	.90856-003	.96233-003	.10180-002
4	.18518-004	.20105-004	.21787-004	.23567-004	.25449-004
H =	.36323-001	.36531-001	.36739-001	.36948-001	.37157-001

THETA=	.50000+001	.52000+001	.54000+001	.56000+001	.58000+001
-I-			P(I)		
0	.74336+000	.73504+000	.72684+000	.71876+000	.71079+000
1	.23230+000	.23889+000	.24531+000	.25156+000	.25766+000
2	.23230-001	.24844-001	.26493-001	.28175-001	.29899-001
3	.10755-002	.11962-002	.13247-002	.14609-002	.16051-002
4	.27435-004	.31736-004	.36496-004	.41741-004	.47499-004
H =	.37368-001	.37791-001	.38217-001	.38647-001	.39080-001

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   3   U3 =   3

THETA=	.60000+001	.62000+001	.64000+001	.66000+001	.68000+001
-I-	-----------	---------- P(I) ----------			
0	.70295+000	.69522+000	.68760+000	.68009+000	.67269+000
1	.26361+000	.26940+000	.27504+000	.28054+000	.28589+000
2	.31633-001	.33405-001	.35205-001	.37031-001	.38881-001
3	.17574-002	.19177-002	.20862-002	.22630-002	.24481-002
4	.53797-004	.60662-004	.68122-004	.76203-004	.84934-004
H =	.39516-001	.39955-001	.40398-001	.40844-001	.41294-001

THETA=	.70000+001	.72000+001	.74000+001	.76000+001	.78000+001
-I-	-----------	---------- P(I) ----------			
0	.66540+000	.65821+000	.65112+000	.64413+000	.63724+000
1	.29111+000	.29619+000	.30114+000	.30596+000	.31065+000
2	.40755-001	.42652-001	.44569-001	.46506-001	.48462-001
3	.26416-002	.28434-002	.30538-002	.32727-002	.35000-002
4	.94341-004	.10445-003	.11530-003	.12690-003	.13929-003
H =	.41746-001	.42202-001	.42662-001	.43125-001	.43591-001

THETA=	.80000+001	.82000+001	.84000+001	.86000+001	.88000+001
-I-	-----------	---------- P(I) ----------			
0	.63045+000	.62375+000	.61715+000	.61063+000	.60421+000
1	.31522+000	.31967+000	.32400+000	.32822+000	.33232+000
2	.50436-001	.52426-001	.54432-001	.56453-001	.58488-001
3	.37360-002	.39805-002	.42336-002	.44953-002	.47657-002
4	.15249-003	.16653-003	.18144-003	.19724-003	.21397-003
5				.53009-005	.58841-005
H =	.44060-001	.44533-001	.45010-001	.45490-001	.45974-001

THETA=	.90000+001	.92000+001	.94000+001	.96000+001	.98000+001
-I-	-----------	---------- P(I) ----------			
0	.59788+000	.59163+000	.58547+000	.57939+000	.57339+000
1	.33631+000	.34019+000	.34396+000	.34763+000	.35120+000
2	.60535-001	.62594-001	.64665-001	.66746-001	.68836-001
3	.50446-002	.53321-002	.56282-002	.59329-002	.62462-002
4	.23164-003	.25028-003	.26993-003	.29059-003	.31231-003
5	.65148-005	.71956-005	.79291-005	.87178-005	.95645-005
H =	.46461-001	.46951-001	.47446-001	.47943-001	.48445-001

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$$U2 = 3 \qquad U3 = 3$$

THETA=	.10000+002	.10200+002	.10400+002	.10600+002	.10800+002
-I-			--P(I)--		
0	.56748+000	.56164+000	.55589+000	.55020+000	.54460+000
1	.35467+000	.35805+000	.36133+000	.36451+000	.36760+000
2	.70935-001	.73042-001	.75156-001	.77276-001	.79403-001
3	.65680-002	.68984-002	.72372-002	.75845-002	.79403-002
4	.33510-003	.35900-003	.38402-003	.41018-003	.43752-003
5	.10472-004	.11443-004	.12480-004	.13587-004	.14766-004
H =	.48950-001	.49458-001	.49970-001	.50486-001	.51006-001

THETA=	.11000+002	.11200+002	.11400+002	.11600+002	.11800+002
-I-			--P(I)--		
0	.53907+000	.53361+000	.52823+000	.52291+000	.51766+000
1	.37061+000	.37353+000	.37636+000	.37911+000	.38178+000
2	.81534-001	.83670-001	.85810-001	.87953-001	.90099-001
3	.83044-002	.86769-002	.90577-002	.94469-002	.98442-002
4	.46606-003	.49582-003	.52683-003	.55910-003	.59266-003
5	.16021-004	.17354-004	.18768-004	.20267-004	.21854-004
H =	.51529-001	.52056-001	.52587-001	.53122-001	.53660-001

THETA=	.12000+002	.12200+002	.12400+002	.12600+002	.12800+002
-I-			--P(I)--		
0	.51249+000	.50738+000	.50233+000	.49735+000	.49244+000
1	.38436+000	.38687+000	.38931+000	.39166+000	.39395+000
2	.92248-001	.94397-001	.96548-001	.98699-001	.10085+000
3	.10250-001	.10663-001	.11085-001	.11515-001	.11953-001
4	.62753-003	.66374-003	.70131-003	.74025-003	.78058-003
5	.23533-004	.25305-004	.27176-004	.29147-004	.31223-004
H =	.54202-001	.54748-001	.55298-001	.55851-001	.56409-001

THETA=	.13000+002	.13200+002	.13400+002	.13600+002	.13800+002
-I-			--P(I)--		
0	.48758+000	.48279+000	.47806+000	.47339+000	.46878+000
1	.39616+000	.39830+000	.40038+000	.40238+000	.40432+000
2	.10300+000	.10515+000	.10730+000	.10945+000	.11159+000
3	.12398-001	.12852-001	.13313-001	.13782-001	.14259-001
4	.82234-003	.86554-003	.91019-003	.95632-003	.10040-002
5	.33408-004	.35703-004	.38114-004	.40644-004	.43296-004
H =	.56970-001	.57536-001	.58105-001	.58678-001	.59256-001

#1201

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3   U3 = 3

THETA=	.14000+002	.14200+002	.14400+002	.14600+002	.14800+002
-I-			P(I)		
0	.46422+000	.45973+000	.45529+000	.45090+000	.44657+000
1	.40620+000	.40801+000	.40976+000	.41145+000	.41308+000
2	.11374+000	.11587+000	.11801+000	.12014+000	.12227+000
3	.14743-001	.15235-001	.15735-001	.16242-001	.16756-001
4	.10531-002	.11038-002	.11560-002	.12098-002	.12652-002
5	.46073-004	.48980-004	.52021-004	.55198-004	.58517-004
H =	.59837-001	.60422-001	.61012-001	.61605-001	.62202-001

THETA=	.15000+002	.15500+002	.16000+002	.16500+002	.17000+002
-I-			P(I)		
0	.44229+000	.43183+000	.42168+000	.41183+000	.40228+000
1	.41465+000	.41833+000	.42168+000	.42470+000	.42742+000
2	.12439+000	.12968+000	.13494+000	.14015+000	.14532+000
3	.17277-001	.18612-001	.19991-001	.21412-001	.22875-001
4	.13222-002	.14719-002	.16319-002	.18026-002	.19841-002
5	.61979-004	.71293-004	.81595-004	.92944-004	.10540-003
H =	.62804-001	.64326-001	.65874-001	.67449-001	.69050-001

THETA=	.17500+002	.18000+002	.18500+002	.19000+002	.19500+002
-I-			P(I)		
0	.39301+000	.38402+000	.37528+000	.36680+000	.35856+000
1	.42986+000	.43202+000	.43392+000	.43557+000	.43699+000
2	.15045+000	.15553+000	.16055+000	.16552+000	.17043+000
3	.24379-001	.25921-001	.27502-001	.29119-001	.30771-001
4	.21767-002	.23805-002	.25958-002	.28227-002	.30614-002
5	.11904-003	.13390-003	.15007-003	.16760-003	.18656-003
6		.49594-005	.57125-005	.65523-005	.74853-005
H =	.70679-001	.72335-001	.74019-001	.75731-001	.77471-001

THETA=	.20000+002	.21000+002	.22000+002	.23000+002	.24000+002
-I-			P(I)		
0	.35055+000	.33521+000	.32071+000	.30700+000	.29402+000
1	.43819+000	.43996+000	.44098+000	.44131+000	.44103+000
2	.17528+000	.18478+000	.19403+000	.20300+000	.21169+000
3	.32458-001	.35930-001	.39525-001	.43232-001	.47043-001
4	.33121-002	.38497-002	.44364-002	.50732-002	.57604-002
5	.20700-003	.25263-003	.30501-003	.36463-003	.43203-003
6	.85187-005	.10916-004	.13807-004	.17256-004	.21335-004
H =	.79240-001	.82867-001	.86613-001	.90482-001	.94476-001

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3   U3 = 3

THETA=	.25000+002	.30000+002	.35000+002	.40000+002	.45000+002
-I-			P(I)		
0	.28173+000	.22909+000	.18818+000	.15595+000	.13024+000
1	.44020+000	.42954+000	.41165+000	.38987+000	.36631+000
2	.22010+000	.25773+000	.28815+000	.31189+000	.32968+000
3	.50949-001	.71590-001	.93383-001	.11552+000	.13736+000
4	.64985-002	.10958-001	.16675-001	.23575-001	.31538-001
5	.50770-003	.10273-002	.18239-002	.29468-002	.44350-002
6	.26116-004	.63413-004	.13135-003	.24254-003	.41065-003
7			.65675-005	.13859-004	.26399-004
H =	.98599-001	.12125+000	.14761+000	.17812+000	.21328+000

THETA=	.50000+002	.55000+002	.60000+002	.65000+002	.70000+002
-I-			P(I)		
0	.10953+000	.92687-001	.78876-001	.67467-001	.57980-001
1	.34228+000	.31861+000	.29578+000	.27409+000	.25366+000
2	.34228+000	.35047+000	.35494+000	.35631+000	.35513+000
3	.15846+000	.17848+000	.19719+000	.21445+000	.23017+000
4	.40425-001	.50084-001	.60364-001	.71118-001	.82205-001
5	.63163-002	.86082-002	.11318-001	.14446-001	.17982-001
6	.64983-003	.97418-003	.13973-002	.19320-002	.25901-002
7	.66416-004	.76543-004	.11977-003	.17940-003	.25901-003
8			.74238-005	.12047-004	.18730-004
H =	.25361+000	.29969+000	.35217+000	.41172+000	.47909+000

THETA=	.75000+002	.80000+002	.85000+002	.90000+002	.95000+002
-I-			P(I)		
0	.50042-001	.43363-001	.37714-001	.32914-001	.28818-001
1	.23457+000	.21681+000	.20036+000	.18514+000	.17111+000
2	.35186+000	.34690+000	.34061+000	.33326+000	.32510+000
3	.24434+000	.25696+000	.26807+000	.27772+000	.28597+000
4	.93499-001	.10488+000	.11625+000	.12752+000	.13861+000
5	.21914-001	.26221-001	.30880-001	.35866-001	.41149-001
6	.33818-002	.43162-002	.54009-002	.66418-002	.80435-002
7	.36233-003	.49328-003	.65582-003	.85394-003	.10916-002
8	.28073-004	.40767-004	.57587-004	.79396-004	.10713-003
9				.55136-005	.78531-005
H =	.55509+000	.64059+000	.73653+000	.84394+000	.96391+000

DENSITY OF THE THREE-FACTOR GENERALIZED
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   3   U3 =   3

THETA= .10000+003

-I-	P(I)
0	.25307-001
1	.15817+000
2	.31634+000
3	.29291+000
4	.14944+000
5	.46701-001
6	.96092-002
7	.13727-002
8	.14181-003
9	.10942-004
H =	.10976+001

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$$U2 = \quad 0 \quad U3 = \quad C$$

THETA=	.00000+000	.10000-001	.20000-001	.30000-001	.40000-001
-I-			—SUM-P(I)—		
0	1.00000	.99009+000	.98034+000	.97077+000	.96135+000
1		.99999+000	.99995+000	.99989+000	.99981+000
2		1.00000	1.00000	1.00000	1.00000
H =	.10000+001	.10100+001	.10200+001	.10301+001	.10402+001

THETA=	.50000-001	.60000-001	.70000-001	.80000-001	.90000-001
-I-			—SUM-P(I)—		
0	.95210+000	.94300+000	.93404+000	.92524+000	.91658+000
1	.99970+000	.99958+000	.99943+000	.99926+000	.99907+000
2	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.10503+001	.10604+001	.10706+001	.10808+001	.10910+001

THETA=	.10000+000	.11000+000	.12000+000	.13000+000	.14000+000
-I-			—SUM-P(I)—		
0	.90806+000	.89967+000	.89142+000	.88330+000	.87530+000
1	.99886+000	.99863+000	.99839+000	.99813+000	.99784+000
2	1.00000	.99999+000	.99999+000	.99999+000	.99999+000
3		1.00000	1.00000	1.00000	1.00000
H =	.11013+001	.11115+001	.11218+001	.11321+001	.11425+001

THETA=	.15000+000	.16000+000	.17000+000	.18000+000	.19000+000
-I-			—SUM-P(I)—		
0	.86743+000	.85968+000	.85205+000	.84454+000	.83714+000
1	.99755+000	.99723+000	.99690+000	.99656+000	.99620+000
2	.99999+000	.99998+000	.99998+000	.99998+000	.99997+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.11528+001	.11632+001	.11736+001	.11841+001	.11945+001

THETA=	.20000+000	.21000+000	.22000+000	.23000+000	.24000+000
-I-			—SUM-P(I)—		
0	.82985+000	.82267+000	.81559+000	.80862+000	.80175+000
1	.99582+000	.99543+000	.99503+000	.99461+000	.99418+000
2	.99997+000	.99996+000	.99996+000	.99995+000	.99995+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.12050+001	.12156+001	.12261+001	.12367+001	.12473+001

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 0   U3 = 0

THETA=	.25000+000	.26000+000	.27000+000	.28000+000	.29000+000
-I-	----------------------SUM-P(I)--------------------				
0	.79499+000	.78831+000	.78174+000	.77525+000	.76886+000
1	.99373+000	.99327+000	.99280+000	.99232+000	.99183+000
2	.99994+000	.99994+000	.99993+000	.99992+000	.99991+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.12579+001	.12685+001	.12792+001	.12899+001	.13006+001

THETA=	.30000+000	.31000+000	.32000+000	.33000+000	.34000+000
-I-	----------------------SUM-P(I)--------------------				
0	.76255+000	.75634+000	.75021+000	.74417+000	.73821+000
1	.99133+000	.99081+000	.99028+000	.98975+000	.98920+000
2	.99990+000	.99990+000	.99989+000	.99988+000	.99986+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.13114+001	.13222+001	.13330+001	.13438+001	.13546+001

THETA=	.35000+000	.36000+000	.37000+000	.38000+000	.39000+000
-I-	----------------------SUM-P(I)--------------------				
0	.73237+000	.72652+000	.72080+000	.71515+000	.70958+000
1	.98864+000	.98807+000	.98750+000	.98691+000	.98631+000
2	.99985+000	.99984+000	.99983+000	.99982+000	.99980+000
3	1.00000	1.00000	1.00000	?.00000	1.00000
H =	.13655+001	.13764+001	.13873+001	.13983+001	.14093+001

THETA=	.40000+000	.41000+000	.42000+000	.43000+000	.44000+000
-I-	----------------------SUM-P(I)--------------------				
0	.70408+000	.69865+000	.69329+000	.68800+000	.68278+000
1	.98571+000	.98510+000	.98447+000	.98384+000	.98321+000
2	.99979+000	.99978+000	.99976+000	.99975+000	.99973+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.14203+001	.14313+001	.14424+001	.14535+001	.14646+001

THETA=	.45000+000	.46000+000	.47000+000	.48000+000	.49000+000
-I-	----------------------SUM-P(I)--------------------				
0	.67763+000	.67254+000	.66751+000	.66255+000	.65765+000
1	.98256+000	.98191+000	.98125+000	.98058+000	.97990+000
2	.99971+000	.99969+000	.99968+000	.99966+000	.99964+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.14757+001	.14869+001	.14981+001	.15093+001	.15206+001

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   0   U3 =   0

THETA=	.50000+000	.60000+000	.70000+000	.80000+000	.90000+000
-I-			SUM-P(I)		
0	.65281+000	.60753+000	.56726+000	.53124+000	.49883+000
1	.97922+000	.97205+000	.96434+000	.95623+000	.94779+000
2	.99962+000	.99939+000	.99909+000	.99872+000	.99829+000
3	1.00000	.99999+000	.99999+000	.99998+000	.99998+000
4		1.00000	1.00000	1.00000	1.00000
H =	.15318+001	.16460+001	.17629+001	.18824+001	.20047+001

THETA=	.10000+001	.11000+001	.12000+001	.13000+001	.14000+001
-I-			SUM-P(I)		
0	.46955+000	.44296+000	.41873+000	.39657+000	.37622+000
1	.93910+000	.93022+000	.92121+000	.91211+000	.90294+000
2	.99779+000	.99722+000	.99659+000	.99588+000	.99511+000
3	.99997+000	.99995+000	.99994+000	.99992+000	.99989+000
4	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.21297+001	.22575+001	.23882+001	.25216+001	.26580+001

THETA=	.15000+001	.16000+001	.17000+001	.18000+001	.19000+001
-I-			SUM-P(I)		
0	.35749+000	.34020+000	.32419+000	.30933+000	.29551+000
1	.89374+000	.88452+000	.87531+000	.86613+000	.85698+000
2	.99428+000	.99339+000	.99243+000	.99141+000	.99033+000
3	.99987+000	.99984+000	.99980+000	.99976+000	.99972+000
4	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.27972+001	.29394+001	.30846+001	.32329+001	.33840+001

THETA=	.20000+001	.21000+001	.22000+001	.23000+001	.24000+001
-I-			SUM-P(I)		
0	.29263+000	.27060+000	.25933+000	.24878+000	.23887+000
1	.84789+000	.83885+000	.82987+000	.82097+000	.81214+000
2	.99920+000	.98801+000	.98677+000	.98547+000	.98413+000
3	.99967+000	.99961+000	.99955+000	.99949+000	.99942+000
4	.99999+000	.99999+000	.99999+000	.99999+000	.99999+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.35382+001	.36956+001	.38560+001	.40196+001	.41864+001

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$$U2 = 0 \qquad U3 = 0$$

THETA=	.25000+001	.26000+001	.27000+001	.28000+001	.29000+001
-I-			—SUM-P(I)—		
0	.22954+000	.22076+000	.21248+000	.20466+000	.19726+000
1	.80340+000	.79475+000	.78618+000	.77770+000	.76932+000
2	.98273+000	.98129+000	.97980+000	.97827+000	.97669+000
3	.99934+000	.99925+000	.99917+000	.99907+000	.99897+000
4	.99999+000	.99998+000	.99998+000	.99998+000	.99998+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.43565+001	.45297+001	.47063+001	.48862+001	.50694+001

THETA=	.30000+001	.31000+001	.32000+001	.33000+001	.34000+001
-I-			—SUM-P(I)—		
0	.19026+000	.18362+000	.17732+000	.17134+000	.16565+000
1	.76103+000	.75284+000	.74475+000	.73675+000	.72885+000
2	.97508+000	.97342+000	.97172+000	.96998+000	.96821+000
3	.99886+000	.99874+000	.99862+000	.99849+000	.99835+000
4	.99997+000	.99997+000	.99997+000	.99996+000	.99996+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.52560+001	.54460+001	.56395+001	.58364+001	.60369+001

THETA=	.35000+001	.36000+001	.37000+001	.38000+001	.39000+001
-I-			—SUM-P(I)—		
0	.16023+000	.15507+000	.15016+000	.14546+000	.14098+000
1	.72105+000	.71334+000	.70574+000	.69822+000	.69081+000
2	.96641+000	.96456+000	.96269+000	.96078+000	.95885+000
3	.99821+000	.99806+000	.99790+000	.99774+000	.99757+000
4	.99995+000	.99994+000	.99994+000	.99993+000	.99993+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.62409+001	.64485+001	.66597+001	.68746+001	.70931+001

THETA=	.40000+001	.41000+001	.42000+001	.43000+001	.44000+001
-I-			—SUM-P(I)—		
0	.13670+000	.13260+000	.12868+000	.12492+000	.12132+000
1	.68349+000	.67626+000	.66913+000	.66209+000	.65514+000
2	.95688+000	.95489+000	.95287+000	.95082+000	.94875+000
3	.99739+000	.99720+000	.99700+000	.99680+000	.99659+000
4	.99992+000	.99991+000	.99990+000	.99989+000	.99988+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.73154+001	.75415+001	.77713+001	.80049+001	.82425+001

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   0   U3 =   0

THETA=	.45000+001	.46000+001	.47000+001	.48000+001	.49000+001
-I-			-SUM-P(I)-		
0	.11787+000	.11456+000	.11138+000	.10832+000	.10538+000
1	.64829+000	.64152+000	.63485+000	.62826+000	.62175+000
2	.95555+000	.94453+000	.94238+000	.94072+000	.93803+000
3	.99638+000	.99615+000	.99592+000	.99568+000	.99543+000
4	.99987+000	.99986+000	.99985+000	.99984+000	.99982+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.84839+001	.87292+001	.89786+001	.92319+001	.94893+001

THETA=	.50000+001	.52000+001	.54000+001	.56000+001	.58000+001
-I-			-SUM-P(I)-		
0	.10256+000	.97219-001	.92266-001	.87662-001	.83375-001
1	.61534+000	.60275+000	.59050+000	.57857+000	.56695+000
2	.93582+000	.93135+000	.92681+000	.92220+000	.91754+000
3	.99517+000	.99464+000	.99407+000	.99348+000	.99285+000
4	.99981+000	.99978+000	.99975+000	.99971+000	.99967+000
5	1.00000	.99999+000	.99999+000	.99999+000	.99999+000
6		1.00000	1.00000	1.00000	1.00000
H =	.97508+001	.10286+002	.10838+002	.11407+002	.11994+002

THETA=	.60000+001	.62000+001	.64000+001	.66000+001	.68000+001
-I-			-SUM-P(I)-		
0	.79375-001	.75639-001	.72143-001	.68867-001	.65794-001
1	.55563+000	.54460+000	.53396+000	.52339+000	.51319+000
2	.91282+000	.90804+000	.90323+000	.89837+000	.89348+000
3	.99219+000	.99150+000	.99078+000	.99003+000	.98925+000
4	.99963+000	.99959+000	.99954+000	.99949+000	.99943+000
5	.99999+000	.99999+000	.99999+000	.99998+000	.99998+000
6	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.12598+002	.13221+002	.13861+002	.14521+002	.15199+002

THETA=	.70000+001	.72000+001	.74000+001	.76000+001	.78000+001
-I-			-SUM-P(I)-		
0	.62906-001	.60190-001	.57633-001	.55222-001	.52946-001
1	.50325+000	.49356+000	.48412+000	.47491+000	.46593+000
2	.88855+000	.88359+000	.87861+000	.87361+000	.86858+000
3	.98844+000	.98760+000	.98673+000	.98583+000	.98491+000
4	.99937+000	.99930+000	.99923+000	.99916+000	.99908+000
5	.99998+000	.99998+000	.99997+000	.99997+000	.99997+000
6	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.15897+002	.16614+002	.17351+002	.18109+002	.18887+002

CUMULATIVE DISTRIBUTION FUNCTION CF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 0   U3 = 0

THETA=	.80000+001	.82000+001	.84000+001	.86000+001	.88000+001
-I-			SUM-P(I)		
0	.50797-001	.48764-001	.46840-001	.45017-001	.43289-001
1	.45717+000	.44863+000	.44030+000	.43217+000	.42423+000
2	.86354+000	.85849+000	.85342+000	.84835+000	.84327+000
3	.98395+000	.98296+000	.98195+000	.98091+000	.97984+000
4	.99900+000	.99891+000	.99882+000	.99872+000	.99862+000
5	.99996+000	.99996+000	.99995+000	.99995+000	.99994+000
6	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.19686+002	.20507+002	.21349+002	.22214+002	.23101+002

THETA=	.90000+001	.92000+001	.94000+001	.96000+001	.98000+001
-I-			SUM-P(I)		
0	.41649-001	.40091-001	.38611-001	.37203-001	.35862-001
1	.41649+000	.40893+000	.40155+000	.39435+000	.38731+000
2	.83818+000	.83310+000	.82801+000	.82292+000	.81784+000
3	.97875+000	.97763+000	.97648+000	.97531+000	.97411+000
4	.99852+000	.99840+000	.99829+000	.99816+000	.99804+000
5	.99994+000	.99993+000	.99993+000	.99992+000	.99991+000
6	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.24010+002	.24943+002	.25899+002	.26880+002	.27884+002

THETA=	.10000+002	.10200+002	.10400+002	.10600+002	.10800+002
-I-			SUM-P(I)		
0	.34586-001	.33369-001	.32208-001	.31101-001	.30043-001
1	.38044+000	.37373+000	.36718+000	.36077+000	.35451+000
2	.81277+000	.80769+000	.80263+000	.79758+000	.79254+000
3	.97288+000	.97164+000	.97036+000	.96907+000	.96775+000
4	.99790+000	.99776+000	.99762+000	.99747+000	.99731+000
5	.99990+000	.99990+000	.99989+000	.99988+000	.99987+000
6	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.28914+002	.29968+002	.31048+002	.32154+002	.33286+002

THETA=	.11000+002	.11200+002	.11400+002	.11600+002	.11800+002
-I-			SUM-P(I)		
0	.29032-001	.28066-001	.27142-001	.26257-001	.25410-001
1	.34839+000	.34241+000	.33656+000	.33084+000	.32525+000
2	.78750+000	.78249+000	.77748+000	.77249+000	.76752+000
3	.96640+000	.96504+000	.96365+000	.96224+000	.96081+000
4	.99715+000	.99698+000	.99681+000	.99663+000	.99645+000
5	.99986+000	.99985+000	.99983+000	.99982+000	.99981+000
6	1.00000	1.00000	.99999+000	.99999+000	.99999+000
7			1.00000	1.00000	1.00000
H =	.34444+002	.35630+002	.36843+002	.38084+002	.39354+002

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 0   U3 = 0

THETA=	.12000+002	.12200+002	.12400+002	.12600+002	.12800+002
-I-			--SUM-P(I)--		
0	.24599-001	.23821-001	.23075-001	.22359-001	.21672-001
1	.31979+000	.31444+000	.30921+000	.30409+000	.29908+000
2	.76256+000	.75763+000	.75271+000	.74781+000	.74293+000
3	.95936+000	.95788+000	.95639+000	.95488+000	.95334+000
4	.99625+000	.99606+000	.99585+000	.99564+000	.99543+000
5	.99980+000	.99978+000	.99977+000	.99975+000	.99973+000
6	.99999+000	.99999+000	.99999+000	.99999+000	.99999+000
7	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.40652+002	.41980+002	.43337+002	.44724+002	.46142+002

THETA=	.13000+002	.13200+002	.13400+002	.13600+002	.13800+002
-I-			--SUM-P(I)--		
0	.21013-001	.20379-001	.19770-001	.19184-001	.18620-001
1	.29418+000	.28938+000	.28468+000	.28008+000	.27558+000
2	.73807+000	.73323+000	.72841+000	.72361+000	.71884+000
3	.95179+000	.95022+000	.94863+000	.94702+000	.94540+000
4	.99520+000	.99497+000	.99474+000	.99450+000	.99425+000
5	.99972+000	.99970+000	.99968+000	.99966+000	.99964+000
6	.99999+000	.99999+000	.99999+000	.99999+000	.99999+000
7	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.47591+002	.49071+002	.50583+002	.52127+002	.53704+002

THETA=	.14000+002	.14200+002	.14400+002	.14600+002	.14800+002
-I-			--SUM-P(I)--		
0	.18078-001	.17556-001	.17054-001	.16570-001	.16103-001
1	.27117+000	.26686+000	.26263+000	.25849+000	.25443+000
2	.71409+000	.70937+000	.70467+000	.69999+000	.69534+000
3	.94375+000	.94210+000	.94042+000	.93873+000	.93702+000
4	.99399+000	.99373+000	.99346+000	.99319+000	.99291+000
5	.99962+000	.99960+000	.99958+000	.99955+000	.99953+000
6	.99998+000	.99998+000	.99998+000	.99998+000	.99998+000
7	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.55315+002	.56959+002	.58638+002	.60351+002	.62099+002

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   0   U3 =   0

THETA=	.15000+002	.15500+002	.16000+002	.16500+002	.17000+002
-I-	------------------------------SUM-P(I)-----------------------				
0	.15654-001	.14598-001	.13632-001	.12746-001	.11933-001
1	.25046+000	.24086+000	.23174+000	.22306+000	.21479+000
2	.69071+000	.67925+000	.66796+000	.65683+000	.64587+000
3	.93530+000	.93092+000	.92646+000	.92191+000	.91729+000
4	.99262+000	.99187+000	.99109+000	.99026+000	.98938+000
5	.99950+000	.99943+000	.99936+000	.99928+000	.99919+000
6	.99998+000	.99997+000	.99997+000	.99997+000	.99996+000
7	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.63883+002	.68503+002	.73358+002	.78454+002	.83802+002

THETA=	.17500+002	.18000+002	.18500+002	.19000+002	.19500+002
-I-	------------------------------SUM-P(I)-----------------------				
0	.11185-001	.10495-001	.98585-002	.92702-002	.87255-002
1	.20692+000	.19941+000	.19224+000	.18540+000	.17887+000
2	.63508+000	.62445+000	.61400+000	.60372+000	.59361+000
3	.91259+000	.90782+000	.90298+000	.89809+000	.89314+000
4	.98847+000	.98752+000	.98652+000	.98548+000	.98440+000
5	.99909+000	.99899+000	.99888+000	.99876+000	.99864+000
6	.99995+000	.99995+000	.99994+000	.99993+000	.99992+000
7	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.89409+002	.95283+002	.10144+003	.10787+003	.11461+003

THETA=	.20000+002	.21000+002	.22000+002	.23000+002	.24000+002
-I-	------------------------------SUM-P(I)-----------------------				
0	.82207-002	.73166-002	.65339-002	.58532-002	.52588-002
1	.17263+000	.16096+000	.15028+000	.14048+000	.13147+000
2	.58367+000	.56429+000	.54558+000	.52752+000	.51010+000
3	.89814+000	.87799+000	.86767+000	.85723+000	.84667+000
4	.99328+000	.98092+000	.97840+000	.97571+000	.97288+000
5	.99850+000	.99821+000	.99788+000	.99752+000	.99711+000
6	.99991+000	.99989+000	.99987+000	.99984+000	.99980+000
7	1.00000	1.00000	.99999+000	.99999+000	.99999+000
8			1.00000	1.00000	1.00000
H =	.12164+003	.13668+003	.15305+003	.17095+003	.19016+003

CUMULATIVE DISTRIBUTION FUNCTION CF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIEC BESSEL DISTRIBUTION

U2 = 0   U3 = 0

THETA=	.25000+002	.30000+002	.35000+002	.40000+002	.45000+002
-I-			--SUM-P(I)--		
0	.47376-002	.29130-002	.18796-002	.12593-002	.86967-003
1	.12318+000	.90302-001	.67665-001	.51631-001	.40005-001
2	.49331+000	.41801+000	.35548+000	.30349+000	.26014+000
3	.83602+000	.78214+000	.72857+000	.67661+000	.62703+000
4	.96989+000	.95282+000	.93260+000	.90981+000	.88501+000
5	.99666+000	.99378+000	.98973+000	.98444+000	.97788+000
6	.99976+000	.99947+000	.99899+000	.99826+000	.99722+000
7	.99999+000	.99997+000	.99993+000	.99987+000	.99976+000
8	1.00000	1.00000	1.00000	.99999+000	.99999+000
9				1.00000	1.00000
H =	.21108+003	.34329+003	.53203+003	.79410+003	.11499+004

THETA=	.50000+002	.55000+002	.60000+002	.65000+002	.70000+002
-I-			--SUM-P(I)--		
0	.61585-003	.44543-003	.32807-003	.24546-003	.18621-003
1	.31408-001	.24944-001	.20012-001	.16200-001	.13221-001
2	.22386+000	.19337+000	.16764+000	.14583+000	.12728+000
3	.58026+000	.53647+000	.49571+000	.45792+000	.42298+000
4	.85869+000	.83132+000	.80327+000	.77488+000	.74640+000
5	.97007+000	.96105+000	.95090+000	.93970+000	.92752+000
6	.99585+000	.99409+000	.99191+000	.98929+000	.98621+000
7	.99961+000	.99939+000	.99909+000	.99869+000	.99819+000
8	.99997+000	.99995+000	.99993+000	.99989+000	.99983+000
9	1.00000	1.00000	1.00000	.99999+000	.99999+000
10				1.00000	1.00000
H =	.16238+004	.22450+004	.30482+004	.40740+004	.53702+004

THETA=	.75000+002	.80000+002	.85000+002	.90000+002	.95000+002
-I-			--SUM-P(I)--		
0	.14301-003	.11104-003	.87079-004	.68900-004	.54963-004
1	.10869-001	.89946-002	.74898-002	.62699-002	.52765-002
2	.11142+000	.97830-001	.86132-001	.76031-001	.67282-001
3	.39074+000	.36105+000	.33371+000	.30857+000	.28545+000
4	.71807+000	.69007+000	.66253+000	.63558+000	.60929+000
5	.91447+000	.90064+000	.88613+000	.87102+000	.85541+000
6	.99266+000	.97863+000	.97411+000	.96912+000	.96366+000
7	.99757+000	.99682+000	.99592+000	.99486+000	.99364+000
8	.99976+000	.99966+000	.99954+000	.99939+000	.99920+000
9	.99998+000	.99997+000	.99996+000	.99995+000	.99993+000
10	1.00000	1.00000	1.00000	1.00000	.99999+000
11					1.00000
H =	.69924+004	.90054+004	.11484+005	.14514+005	.18194+005

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   0   U3 =   0

THETA= .10000+003

-I-	----------------------------SUM-P(I)----------------------------
0	.44174-004
1	.44616-002
2	.59680-001
3	.26419+000
4	.58374+000
5	.83938+000
6	.95773+000
7	.99224+000
8	.99898+000
9	.99990+000
10	.99999+000
11	1.00000
H =	.22637+005

U2 =   1   U3 =   0

THETA=	.00000+000	.10000-001	.20000-001	.30000-001	.40000-001
-I-	----------------------------SUM-P(I)----------------------------				
0	1.00000	.99502+000	.99008+000	.98519+000	.98033+000
1		1.00000	.99998+000	.99996+000	.99993+000
2			1.00000	1.00000	1.00000
H =	.10000+001	.10050+001	.10100+001	.10150+001	.10201+001

THETA=	.50000-001	.60000-001	.70000-001	.80000-001	.90000-001
-I-	----------------------------SUM-P(I)----------------------------				
0	.97551+000	.97073+000	.96599+000	.96129+000	.95663+000
1	.99990+000	.99985+000	.99980+000	.99974+000	.99968+000
2	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.10251+001	.10301+001	.10352+001	.10403+001	.10453+001

THETA=	.10000+000	.11000+000	.12000+000	.13000+000	.14000+000
-I-	----------------------------SUM-P(I)----------------------------				
0	.95200+000	.94741+000	.94286+000	.93834+000	.93386+000
1	.99960+000	.99952+000	.99943+000	.99934+000	.99923+000
2	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.10504+001	.10555+001	.10606+001	.10657+001	.10708+001

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   1   U3 =   0

THETA=	.15000+000	.16000+000	.17000+000	.18000+000	.19000+000
-I-			SUM-P(I)		
0	.92942+000	.92501+000	.92063+000	.91629+000	.91198+000
1	.99913+000	.99901+000	.99889+000	.99876+000	.99862+000
2	1.00000	1.00000	.99999+000	.99999+000	.99999+000
3			1.00000	1.00000	1.00000
H =	.10759+001	.10811+001	.10862+001	.10914+001	.10965+001

THETA=	.20000+000	.21000+000	.22000+000	.23000+000	.24000+000
-I-			SUM-P(I)		
0	.90771+000	.90347+000	.89926+000	.89508+000	.89094+000
1	.99848+000	.99833+000	.99818+000	.99801+000	.99785+000
2	.99999+000	.99999+000	.99999+000	.99999+000	.99999+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.11017+001	.11068+001	.11120+001	.11172+001	.11224+001

THETA=	.25000+000	.26000+000	.27000+000	.28000+000	.29000+000
-I-			SUM-P(I)		
0	.88682+000	.88274+000	.87869+000	.87467+000	.87068+000
1	.99767+000	.99750+000	.99731+000	.99712+000	.99692+000
2	.99998+000	.99998+000	.99998+000	.99999+000	.99998+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.11276+001	.11328+001	.11381+001	.11433+001	.11485+001

THETA=	.30000+000	.31000+000	.32000+000	.33000+000	.34000+000
-I-			SUM-P(I)		
0	.86672+000	.86278+000	.85888+000	.85501+000	.85116+000
1	.99672+000	.99652+000	.99630+000	.99608+000	.99586+000
2	.99997+000	.99997+000	.99997+000	.99996+000	.99996+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.11538+001	.11590+001	.11643+001	.11696+001	.11749+001

THETA=	.35000+000	.36000+000	.37000+000	.38000+000	.39000+000
-I-			SUM-P(I)		
0	.84735+000	.84356+000	.83980+000	.83606+000	.83236+000
1	.99563+000	.99540+000	.99516+000	.99492+000	.99467+000
2	.99996+000	.99995+000	.99995+000	.99995+000	.99994+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.11802+001	.11855+001	.11908+001	.11961+001	.12014+001

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   1   U3 =   0

THETA=	.15000+000	.16000+000	.17000+000	.18000+000	.19000+000
-I-			--SUM-P(I)--		
0	.92942+000	.92501+000	.92063+000	.91629+000	.91198+000
1	.99913+000	.99901+000	.99889+000	.99876+000	.99862+000
2	1.00000	1.00000	.99999+000	.99999+000	.99999+000
3			1.00000	1.00000	1.00000
H =	.10759+001	.10811+001	.10862+001	.10914+001	.10965+001

THETA=	.20000+000	.21000+000	.22000+000	.23000+000	.24000+000
-I-			--SUM-P(I)--		
0	.90771+000	.90347+000	.89926+000	.89508+000	.89094+000
1	.99848+000	.99833+000	.99818+000	.99801+000	.99785+000
2	.99999+000	.99999+000	.99999+000	.99999+000	.99999+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.11017+001	.11068+001	.11120+001	.11172+001	.11224+001

THETA=	.25000+000	.26000+000	.27000+000	.28000+000	.29000+000
-I-			--SUM-P(I)--		
0	.88682+000	.88274+000	.87869+000	.87467+000	.87068+000
1	.99767+000	.99750+000	.99731+000	.99712+000	.99692+000
2	.99998+000	.99998+000	.99998+000	.99999+000	.99998+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.11276+001	.11328+001	.11381+001	.11433+001	.11485+001

THETA=	.30000+000	.31000+000	.32000+000	.33000+000	.34000+000
-I-			--SUM-P(I)--		
0	.86672+000	.86278+000	.85888+000	.85501+000	.85116+000
1	.99672+000	.99652+000	.99630+000	.99608+000	.99586+000
2	.99997+000	.99997+000	.99997+000	.99996+000	.99996+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.11538+001	.11590+001	.11643+001	.11696+001	.11749+001

THETA=	.35000+000	.36000+000	.37000+000	.38000+000	.39000+000
-I-			--SUM-P(I)--		
0	.84735+000	.84356+000	.83980+000	.83606+000	.83236+000
1	.99563+000	.99540+000	.99516+000	.99492+000	.99467+000
2	.99996+000	.99995+000	.99995+000	.99995+000	.99994+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.11802+001	.11855+001	.11908+001	.11961+001	.12014+001

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 1   U3 = 0

THETA=	.40000+000	.41000+000	.42000+000	.43000+000	.44000+000
-I-			SUM-P(I)		
0	.82868+000	.82503+000	.82140+000	.81780+000	.81422+000
1	.99441+000	.99416+000	.99389+000	.99362+000	.99335+000
2	.99994+000	.99993+000	.99993+000	.99992+000	.99992+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.12067+001	.12121+001	.12174+001	.12228+001	.12282+001

THETA=	.45000+000	.46000+000	.47000+000	.48000+000	.49000+000
-I-			SUM-P(I)		
0	.81067+000	.80715+000	.80365+000	.80017+000	.79672+000
1	.99307+000	.99279+000	.99251+000	.99222+000	.99192+000
2	.99991+000	.99991+000	.99990+000	.99990+000	.99989+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.12335+001	.12389+001	.12443+001	.12497+001	.12551+001

THETA=	.50000+000	.60000+000	.70000+000	.80000+000	.90000+000
-I-			SUM-P(I)		
0	.79330+000	.76031+000	.72949+000	.70064+000	.67358+000
1	.99162+000	.98840+000	.98481+000	.98090+000	.97669+000
2	.99988+000	.99981+000	.99971+000	.99958+000	.99943+000
3	1.00000	1.00000	1.00000	1.00000	.99999+000
4					1.00000
H =	.12606+001	.13153+001	.13708+001	.14273+001	.14846+001

THETA=	.10000+001	.11000+001	.12000+001	.13000+001	.14000+001
-I-			SUM-P(I)		
0	.64816+000	.62423+000	.60167+000	.58038+000	.56026+000
1	.97223+000	.96755+000	.96268+000	.95763+000	.95244+000
2	.99924+000	.99903+000	.99878+000	.99850+000	.99819+000
3	.99999+000	.99999+000	.99998+000	.99998+000	.99997+000
4	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.15428+001	.16020+001	.16620+001	.17230+001	.17849+001

THETA=	.15000+001	.16000+001	.17000+001	.18000+001	.19000+001
-I-			SUM-P(I)		
0	.54120+000	.52315+000	.50602+000	.48974+000	.47426+000
1	.94711+000	.94167+000	.93613+000	.93050+000	.92481+000
2	.99785+000	.99747+000	.99706+000	.99662+000	.99614+000
3	.99996+000	.99995+000	.99994+000	.99992+000	.99991+000
4	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.18477+001	.19115+001	.19762+001	.20419+001	.21085+001

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   1   U3 =   0

THETA=	.20000+001	.21000+001	.22000+001	.23000+001	.24000+001
-I-			SUM-P(I)		
0	.45952+000	.44548+000	.43209+000	.41930+000	.40709+000
1	.91905+000	.91324+000	.90739+000	.90150+000	.89559+000
2	.99564+000	.99510+000	.99453+000	.99392+000	.99329+000
3	.99989+000	.99987+000	.99985+000	.99983+000	.99980+000
4	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.21762+001	.22448+001	.23143+001	.23849+001	.24565+001

THETA=	.25000+001	.26000+001	.27000+001	.28000+001	.29000+001
-I-			SUM-P(I)		
0	.39540+000	.38422+000	.37351+000	.36324+000	.35340+000
1	.88965+000	.88370+000	.87775+000	.87178+000	.86582+000
2	.99262+000	.99193+000	.99120+000	.99044+000	.98966+000
3	.99977+000	.99974+000	.99971+000	.99967+000	.99963+000
4	1.00000	1.00000	.99999+000	.99999+000	.99999+000
5			1.00000	1.00000	1.00000
H =	.25291+001	.26027+001	.26773+001	.27530+001	.28297+001

THETA=	.30000+001	.31000+001	.32000+001	.33000+001	.34000+001
-I-			SUM-P(I)		
0	.34394+000	.33487+000	.32614+000	.31775+000	.30968+000
1	.85986+000	.85391+000	.84797+000	.84205+000	.83614+000
2	.98884+000	.98800+000	.98713+000	.98623+000	.98530+000
3	.99959+000	.99954+000	.99949+000	.99944+000	.99939+000
4	.99999+000	.99999+000	.99999+000	.99999+000	.99999+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.29074+001	.29863+001	.30661+001	.31471+001	.32291+001

THETA=	.35000+001	.36000+001	.37000+001	.38000+001	.39000+001
-I-			SUM-P(I)		
0	.30191+000	.29442+000	.28721+000	.28025+000	.27353+000
1	.83025+000	.82438+000	.81854+000	.81272+000	.80693+000
2	.98435+000	.98337+000	.98236+000	.98133+000	.98028+000
3	.99933+000	.99927+000	.99920+000	.99913+000	.99906+000
4	.99998+000	.99998+000	.99998+000	.99998+000	.99998+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.33123+001	.33965+001	.34818+001	.35683+001	.36558+001

#1201

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   1   U3 =   0

THETA=	.40000+001	.41000+001	.42000+001	.43000+001	.44000+001
-I-			—SUM-P(I)—		
0	.26706+000	.26080+000	.25475+000	.24891+000	.24326+000
1	.80117+000	.79543+000	.78973+000	.78406+000	.77843+000
2	.97920+000	.97810+000	.97698+000	.97583+000	.97466+000
3	.99898+000	.99890+000	.99882+000	.99873+000	.99864+000
4	.99997+000	.99997+000	.99997+000	.99996+000	.99996+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.37445+001	.38344+001	.39254+001	.40175+001	.41108+001

THETA=	.45000+001	.46000+001	.47000+001	.48000+001	.49000+001
-I-			—SUM-P(I)—		
0	.23779+000	.23250+000	.22738+000	.22242+000	.21762+000
1	.77283+000	.76726+000	.76173+000	.75624+000	.75078+000
2	.97347+000	.97225+000	.97102+000	.96977+000	.96849+000
3	.99855+000	.99845+000	.99834+000	.99824+000	.99812+000
4	.99996+000	.99995+000	.99995+000	.99994+000	.99994+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.42053+001	.43010+001	.43979+001	.44959+001	.45952+001

THETA=	.50000+001	.52000+001	.54000+001	.56000+001	.58000+001
-I-			—SUM-P(I)—		
0	.21296+000	.20407+000	.19569+000	.18780+000	.18036+000
1	.74536+000	.73464+000	.72407+000	.71366+000	.70340+000
2	.96720+000	.96455+000	.96184+000	.95905+000	.95620+000
3	.99801+000	.99776+000	.99750+000	.99723+000	.99693+000
4	.99993+000	.99992+000	.99991+000	.99990+000	.99988+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.46957+001	.49004+001	.51100+001	.53247+001	.55445+001

THETA=	.60000+001	.62000+001	.64000+001	.66000+001	.68000+001
-I-			—SUM-P(I)—		
0	.17332+000	.16667+000	.16037+000	.15441+000	.14874+000
1	.69330+000	.68336+000	.67357+000	.66394+000	.65447+000
2	.95329+000	.95031+000	.94728+000	.94419+000	.94105+000
3	.99662+000	.99629+000	.99594+000	.99557+000	.99518+000
4	.99987+000	.99985+000	.99983+000	.99981+000	.99979+000
5	1.00000	1.00000	1.00000	1.00000	.99999+000
6					1.00000
H =	.57695+001	.59998+001	.62354+001	.64764+001	.67230+001

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   1   U3 =   0

THETA=	.70000+001	.72000+001	.74000+001	.76000+001	.78000+001
-I-			SUM-P(I)		
0	.14337+000	.13826+000	.13340+000	.12877+000	.12437+000
1	.64516+000	.63599+000	.62698+000	.61812+000	.60940+000
2	.93787+000	.93463+000	.93135+000	.92803+000	.92467+000
3	.99478+000	.99436+000	.99392+000	.99346+000	.99298+000
4	.99976+000	.99973+000	.99971+000	.99968+000	.99964+000
5	.99999+000	.99999+000	.99999+000	.99999+000	.99999+000
6	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.69751+001	.72328+001	.74963+001	.77655+001	.80407+001

THETA=	.80000+001	.82000+001	.84000+001	.86000+001	.88000+001
-I-			SUM-P(I)		
0	.12017+000	.11616+000	.11233+000	.10868+000	.10518+000
1	.60083+000	.59241+000	.58413+000	.57598+000	.56798+000
2	.92178+000	.91785+000	.91438+000	.91088+000	.90736+000
3	.99249+000	.99197+000	.99144+000	.99089+000	.99032+000
4	.99961+000	.99957+000	.99953+000	.99949+000	.99945+000
5	.99999+000	.99999+000	.99998+000	.99998+000	.99998+000
6	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.83218+001	.86089+001	.89022+001	.92017+001	.95074+001

THETA=	.90000+001	.92000+001	.94000+001	.96000+001	.98000+001
-I-			SUM-P(I)		
0	.10184+000	.98637-001	.95572-001	.92635-001	.89819-001
1	.56011+000	.55237+000	.54476+000	.53728+000	.52993+000
2	.90381+000	.90023+000	.89663+000	.89300+000	.88936+000
3	.98973+000	.98913+000	.98850+000	.98786+000	.98720+000
4	.99940+000	.99935+000	.99930+000	.99924+000	.99919+000
5	.99998+000	.99998+000	.99997+000	.99997+000	.99997+000
6	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.98196+001	.10138+002	.10463+002	.10795+002	.11134+002

THETA=	.10000+002	.10200+002	.10400+002	.10600+002	.10800+002
-I-			SUM-P(I)		
0	.87117-001	.84524-001	.82034-001	.79641-001	.77342-001
1	.52270+000	.51560+000	.50861+000	.50174+000	.49499+000
2	.88569+000	.88201+000	.87831+000	.87460+000	.87087+000
3	.98652+000	.98583+000	.98511+000	.98438+000	.98363+000
4	.99913+000	.99906+000	.99900+000	.99893+000	.99886+000
5	.99997+000	.99996+000	.99996+000	.99996+000	.99995+000
6	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.11479+002	.11831+002	.12190+002	.12556+002	.12930+002

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   1   U3 =   0

THETA=	.11000+002	.11200+002	.11400+002	.11600+002	.11800+002
-I-			—SUM-P(I)—		
0	.75130-001	.73002-001	.70955-001	.68982-001	.67083-001
1	.48835+000	.48182+000	.47540+000	.46908+000	.46287+000
2	.86713+000	.86338+000	.85961+000	.85584+000	.85206+000
3	.99287+000	.99208+000	.98128+000	.98047+000	.97963+000
4	.99878+000	.99870+000	.99862+000	.99854+000	.99845+000
5	.99995+000	.99994+000	.99994+000	.99993+000	.99993+000
6	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.13310+002	.13698+002	.14094+002	.14496+002	.14907+002

THETA=	.12000+002	.12200+002	.12400+002	.12600+002	.12800+002
-I-			—SUM-P(I)—		
0	.65252-001	.63487-001	.61785-001	.60143-001	.58558-001
1	.45676+000	.45076+000	.44485+000	.43904+000	.43333+000
2	.84828+000	.84448+000	.84069+000	.83689+000	.83308+000
3	.97878+000	.97791+000	.97703+000	.97613+000	.97522+000
4	.99836+000	.99826+000	.99816+000	.99806+000	.99796+000
5	.99992+000	.99992+000	.99991+000	.99990+000	.99990+000
6	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.15325+002	.15751+002	.16185+002	.16627+002	.17077+002

THETA=	.13000+002	.13200+002	.13400+002	.13600+002	.13800+002
-I-			—SUM-P(I)—		
0	.57027-001	.55549-001	.54122-001	.52742-001	.51407-001
1	.42771+000	.42218+000	.41674+000	.41138+000	.40612+000
2	.82927+000	.82546+000	.82166+000	.81785+000	.81404+000
3	.97428+000	.97334+000	.97238+000	.97140+000	.97040+000
4	.99785+000	.99774+000	.99762+000	.99750+000	.99738+000
5	.99989+000	.99988+000	.99988+000	.99987+000	.99986+000
6	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.17535+002	.18002+002	.18477+002	.18960+002	.19452+002

THETA=	.14000+002	.14200+002	.14400+002	.14600+002	.14800+002
-I-			—SUM-P(I)—		
0	.50117-001	.48869-001	.47661-001	.46492-001	.45361-001
1	.40094+000	.39584+000	.39082+000	.38589+000	.38103+000
2	.81023+000	.80642+000	.80262+000	.79882+000	.79502+000
3	.96940+000	.96837+000	.96734+000	.96628+000	.96522+000
4	.99725+000	.99712+000	.99698+000	.99685+000	.99670+000
5	.99985+000	.99984+000	.99983+000	.99982+000	.99981+000
6	.99999+000	.99999+000	.99999+000	.99999+000	.99999+000
7	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.19953+002	.20463+002	.20981+002	.21509+002	.22046+002

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   1   U3 =   0

THETA=	.15000+002	.15500+002	.16000+002	.16500+002	.17000+002
-I-			SUM-P(I)		
0	.44265-001	.41671-001	.39272-001	.37049-001	.34986-001
1	.37625+000	.36462+000	.35345+000	.34270+000	.33237+000
2	.79123+000	.78177+000	.77235+000	.76298+000	.75365+000
3	.96414+000	.96138+000	.95853+000	.95560+000	.95260+000
4	.99656+000	.99617+000	.99577+000	.99533+000	.99487+000
5	.99980+000	.99977+000	.99974+000	.99970+000	.99966+000
6	.99999+000	.99999+000	.99999+000	.99999+000	.99999+000
7	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.22591+002	.23997+002	.25453+002	.26991+002	.28583+002

THETA=	.17500+002	.18000+002	.18500+002	.19000+002	.19500+002
-I-			SUM-P(I)		
0	.33069-001	.31285-001	.29622-001	.28071-001	.26623-001
1	.32242+000	.31285+000	.30363+000	.29475+000	.28620+000
2	.74439+000	.73519+000	.72605+000	.71699+000	.70800+000
3	.94951+000	.94636+000	.94313+000	.93984+000	.93648+000
4	.99438+000	.99387+000	.99333+000	.99277+000	.99217+000
5	.99962+000	.99957+000	.99952+000	.99947+000	.99941+000
6	.99998+000	.99998+000	.99998+000	.99997+000	.99997+000
7	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.30240+002	.31965+002	.33758+002	.35623+002	.37562+002

THETA=	.20000+002	.21000+002	.22000+002	.23000+002	.24000+002
-I-			SUM-P(I)		
0	.25268-001	.22812-001	.20651-001	.18743-001	.17052-001
1	.27795+000	.26234+000	.24782+000	.23429+000	.22167+000
2	.69909+000	.68152+000	.66429+000	.64741+000	.63091+000
3	.93306+000	.92604+000	.91880+000	.91135+000	.90373+000
4	.99155+000	.99022+000	.98879+000	.98724+000	.98558+000
5	.99935+000	.99921+000	.99905+000	.99887+000	.99867+000
6	.99997+000	.99996+000	.99995+000	.99994+000	.99992+000
7	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.39575+002	.43836+002	.48423+002	.53353+002	.58646+002

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   1   U3 =   0

THETA=	.25000+002	.30000+002	.35000+002	.40000+002	.45000+002
-I-			-SUM-P(I)-		
0	.15547-001	.10089-001	.68161-002	.47530-002	.34009-002
1	.20989+000	.16143+000	.12610+000	.99813-001	.79921-001
2	.61477+000	.53978+000	.47400+000	.41668+000	.36687+000
3	.89594+000	.85508+000	.81224+000	.76875+000	.72556+000
4	.98381+000	.97331+000	.96022+000	.94479+000	.92732+000
5	.99845+000	.99696+000	.99475+000	.99173+000	.98785+000
6	.99990+000	.99977+000	.99954+000	.99918+000	.99866+000
7	1.00000	.99999+000	.99997+000	.99994+000	.99990+000
8		1.00000	1.00000	1.00000	.99999+000
9					1.00000
H =	.64319+002	.99114+002	.14671+003	.21039+003	.29404+003

THETA=	.50000+002	.55000+002	.60000+002	.65000+002	.70000+002
-I-			-SUM-P(I)-		
0	.24862-002	.18509-002	.13998-002	.10732-002	.83280-003
1	.64641-001	.52752-001	.43393-001	.35952-001	.29981-001
2	.32362+000	.28605+000	.25336+000	.22488+000	.20001+000
3	.68331+000	.64247+000	.60331+000	.56600+000	.53063+000
4	.90812+000	.88751+000	.86576+000	.84315+000	.81991+000
5	.98306+000	.97736+000	.97075+000	.96326+000	.95491+000
6	.99793+000	.99697+000	.99574+000	.99423+000	.99241+000
7	.99982+000	.99972+000	.99957+000	.99937+000	.99911+000
8	.99999+000	.99998+000	.99997+000	.99995+000	.99992+000
9	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.40222+003	.54027+003	.71440+003	.93180+003	.12008+004

THETA=	.75000+002	.80000+002	.85000+002	.90000+002	.95000+002
-I-			-SUM-P(I)-		
0	.65324-003	.51737-003	.41334-003	.33286-003	.26999-003
1	.25150-001	.21212-001	.17980-001	.15311-001	.13095-001
2	.17825+000	.15918+000	.14241+000	.12765+000	.11462+000
3	.49722+000	.46577+000	.43621+000	.40850+000	.38255+000
4	.79625+000	.77236+000	.74838+000	.72446+000	.70070+000
5	.94577+000	.93587+000	.92527+000	.91403+000	.90220+000
6	.99027+000	.98778+000	.98494+000	.98173+000	.97817+000
7	.99878+000	.99837+000	.99787+000	.99728+000	.99657+000
8	.99989+000	.99984+000	.99978+000	.99971+000	.99961+000
9	.99999+000	.99999+000	.99998+000	.99998+000	.99997+000
10	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.15308+004	.19329+004	.24193+004	.30043+004	.37038+004

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   1   U3 =   C

THETA= .10000+003

-I-	-----------------------------SUM-P(I)------------------------------
0	.22046-003
1	.11243-001
2	.1C310+0C0
3	.35826+000
4	.67722+000
5	.88985+000
6	.97423+000
7	.99576+000
8	.99949+000
9	.99996+000
1C	1.00000
H =	.45360+004

U2 =   1   U3 =   1

THETA=	.00000+000	.10000-001	.20000-001	.30000-001	.40000-001
-I-	------------------------------SUM-P(I)----------------------------				
0	1.00000	.99750+000	.99502+000	.99254+000	.99008+000
1		1.00000	.99999+000	.99999+000	.99998+000
2			1.00000	1.00000	1.00000
H =	.10000+001	.10025+001	.10050+001	.10075+001	.10100+001

THETA=	.50000-001	.60000-001	.70000-001	.80000-001	.90000-001
-I-	------------------------------SUM-P(I)----------------------------				
0	.98762+000	.98517+000	.98274+000	.98031+000	.97789+000
1	.99997+000	.99995+000	.99993+000	.99991+000	.99989+000
2	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.10125+001	.10150+001	.10176+001	.10201+001	.10226+001

THETA=	.10000+000	.11000+000	.12000+000	.13000+000	.14000+000
-I-	------------------------------SUM-P(I)----------------------------				
0	.97548+000	.97308+000	.97068+000	.96830+000	.96593+000
1	.99986+000	.99984+000	.99981+000	.99977+000	.99974+000
2	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.10251+001	.10277+001	.10302+001	.10327+001	.10353+001

THETA=	.15000+000	.16000+000	.17000+000	.18000+000	.19000+000
-I-	------------------------------SUM-P(I)----------------------------				
0	.96356+000	.96121+000	.95886+000	.95652+000	.95420+000
1	.99970+000	.99966+000	.99961+000	.99957+000	.99952+000
2	1.000R0	1.00000	1.00000	1.00000	1.00000
H =	.10378+001	.10404+001	.10429+001	.10455+001	.10480+001

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   1   U3 =   1

THETA=	.20000+000	.21000+000	.22000+000	.23000+000	.24000+000
-I-			SUM-P(I)		
0	.95188+000	.94956+000	.94726+000	.94497+000	.94268+000
1	.99947+000	.99942+000	.99936+000	.99930+000	.99924+000
2	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.10506+001	.10531+001	.10557+001	.10582+001	.10608+001

THETA=	.25000+000	.26000+000	.27000+000	.28000+000	.29000+000
-I-			SUM-P(I)		
0	.94040+000	.93814+000	.93588+000	.93362+000	.93138+000
1	.99918+000	.99911+000	.99905+000	.99898+000	.99891+000
2	1.00000	1.00000	.99999+000	.99999+000	.99999+000
3			1.00000	1.00000	1.00000
H =	.10634+001	.10659+001	.10685+001	.10711+001	.10737+001

THETA=	.30000+000	.31000+000	.32000+000	.33000+000	.34000+000
-I-			SUM-P(I)		
0	.92915+000	.92692+000	.92470+000	.92249+000	.92029+000
1	.99883+000	.99875+000	.99868+000	.99860+000	.99851+000
2	.99999+000	.99999+000	.99999+000	.99999+000	.99999+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.10763+001	.10788+001	.10814+001	.10840+001	.10866+001

THETA=	.35000+000	.36000+000	.37000+000	.38000+000	.39000+000
-I-			SUM-P(I)		
0	.91809+000	.91591+000	.91373+000	.91156+000	.90940+000
1	.99843+000	.99834+000	.99825+000	.99816+000	.99806+000
2	.99999+000	.99999+000	.99999+000	.99999+000	.99998+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.10892+001	.10918+001	.10944+001	.10970+001	.10996+001

THETA=	.40000+000	.41000+000	.42000+000	.43000+000	.44000+000
-I-			SUM-P(I)		
0	.90724+000	.90510+000	.90296+000	.90083+000	.89870+000
1	.99797+000	.99787+000	.99777+000	.99767+000	.99756+000
2	.99998+000	.99998+000	.99998+000	.99998+000	.99998+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.11022+001	.11049+001	.11075+001	.11101+001	.11127+001

#1201

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   1   U3 =   1

THETA=	.45000+000	.46000+000	.47000+000	.48000+000	.49000+000
-I-			-SUM-P(I)-		
0	.89659+000	.89448+000	.89238+000	.89029+000	.88820+000
1	.99745+000	.99735+000	.99724+000	.99712+000	.99701+000
2	.99998+000	.99997+000	.99997+000	.99997+000	.99997+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.11153+001	.11180+001	.11206+001	.11232+001	.11259+001

THETA=	.50000+000	.60000+000	.70000+000	.80000+000	.90000+000
-I-			-SUM-P(I)-		
0	.88613+000	.86575+000	.84609+000	.82710+000	.80876+000
1	.99689+000	.99562+000	.99416+000	.99252+000	.99073+000
2	.99997+000	.99995+000	.99992+000	.99988+000	.99983+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.11285+001	.11551+001	.11819+001	.12090+001	.12365+001

THETA=	.10000+001	.11000+001	.12000+001	.13000+001	.14000+001
-I-			-SUM-P(I)-		
0	.79103+000	.77388+000	.75729+000	.74123+000	.72567+000
1	.98878+000	.98669+000	.98447+000	.98212+000	.97966+000
2	.99977+000	.99970+000	.99962+000	.99952+000	.99942+000
3	1.00000	1.00000	1.00000	.99999+000	.99999+000
4				1.00000	1.00000
H =	.12642+001	.12922+001	.13205+001	.13491+001	.13780+001

THETA=	.15000+001	.16000+001	.17000+001	.18000+001	.19000+001
-I-			-SUM-P(I)-		
0	.71061+000	.69601+000	.68186+000	.66813+000	.65481+000
1	.97709+000	.97441+000	.97165+000	.96879+000	.96584+000
2	.99930+000	.99916+000	.99901+000	.99885+000	.99868+000
3	.99999+000	.99999+000	.99998+000	.99998+000	.99998+000
4	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.14072+001	.14368+001	.14666+001	.14967+001	.15272+001

THETA=	.20000+001	.21000+001	.22000+001	.23000+001	.24000+001
-I-			-SUM-P(I)-		
0	.64188+000	.62933+000	.61714+000	.60530+000	.59379+000
1	.96282+000	.95973+000	.95657+000	.95335+000	.95006+000
2	.99848+000	.99828+000	.99806+000	.99782+000	.99757+000
3	.99997+000	.99996+000	.99996+000	.99995+000	.99994+000
4	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.15579+001	.15890+001	.16204+001	.16521+001	.16841+001

#1201

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$$U2 = 1 \qquad U3 = 1$$

THETA=	.25000+001	.26000+001	.27000+001	.28000+001	.29000+001
-I-			SUM-P(I)		
0	.58260+000	.57172+000	.56114+000	.55084+000	.54081+000
1	.94673+000	.94334+000	.93990+000	.93642+000	.93290+000
2	.99730+000	.99702+000	.99672+000	.99640+000	.99607+000
3	.99993+000	.99992+000	.99991+000	.99990+000	.99989+000
4	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.17164+001	.17491+001	.17821+001	.18154+001	.18491+001

THETA=	.30000+001	.31000+001	.32000+001	.33000+001	.34000+001
-I-			SUM-P(I)		
0	.53105+000	.52155+000	.51229+000	.50327+000	.49448+000
1	.92934+000	.92575+000	.92213+000	.91847+000	.91479+000
2	.99572+000	.99536+000	.99498+000	.99459+000	.99418+000
3	.99987+000	.99986+000	.99984+000	.99982+000	.99981+000
4	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.18831+001	.19174+001	.19520+001	.19870+001	.20223+001

THETA=	.35000+001	.36000+001	.37000+001	.38000+001	.39000+001
-I-			SUM-P(I)		
0	.48591+000	.47756+000	.46941+000	.46146+000	.45370+000
1	.91108+000	.90736+000	.90351+000	.89984+000	.89606+000
2	.99376+000	.99332+000	.99286+000	.99239+000	.99190+000
3	.99978+000	.99976+000	.99974+000	.99972+000	.99969+000
4	1.00000	1.00000	.99999+000	.99999+000	.99999+000
5			1.00000	1.00000	1.00000
H =	.20580+001	.20940+001	.21303+001	.21670+001	.22041+001

THETA=	.40000+001	.41000+001	.42000+001	.43000+001	.44000+001
-I-			SUM-P(I)		
0	.44613+000	.43874+000	.43153+000	.42448+000	.41760+000
1	.89226+000	.88845+000	.88463+000	.88080+000	.87696+000
2	.99140+000	.99088+000	.99035+000	.98980+000	.98924+000
3	.99966+000	.99963+000	.99960+000	.99957+000	.99954+000
4	.99999+000	.99999+000	.99999+000	.99999+000	.99999+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.22415+001	.22793+001	.23174+001	.23558+001	.23946+001

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   1   U3 =   1

THETA=	.45000+001	.46000+001	.47000+001	.48000+001	.49000+001
-I-	\-\-\-\-\-\-\-\-\-\-\-	\-\-\-\-\-\-\-\-	SUM-P(I)	\-\-\-\-\-\-\-\-	\-\-\-\-\-\-
0	.41087+000	.40430+000	.39788+000	.39161+000	.38547+000
1	.87311+000	.86925+000	.86540+000	.86154+000	.85767+000
2	.98867+000	.98808+000	.98747+000	.98685+000	.98622+000
3	.99950+000	.99946+000	.99942+000	.99938+000	.99934+000
4	.99999+000	.99999+000	.99999+000	.99998+000	.99998+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.24338+001	.24734+001	.25133+001	.25536+001	.25942+001

THETA=	.50000+001	.52000+001	.54000+001	.56000+001	.58000+001
-I-	\-\-\-\-\-\-\-\-\-\-\-	\-\-\-\-\-\-\-\-	SUM-P(I)	\-\-\-\-\-\-\-\-	\-\-\-\-\-\-
0	.37947+000	.36786+000	.35675+000	.34610+000	.33590+000
1	.85381+000	.84608+000	.83836+000	.83065+000	.82296+000
2	.98557+000	.98423+000	.98284+000	.98140+000	.97990+000
3	.99929+000	.99920+000	.99910+000	.99898+000	.99886+000
4	.99998+000	.99998+000	.99997+000	.99997+000	.99996+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.26353+001	.27184+001	.28031+001	.28893+001	.29771+001

THETA=	.60000+001	.62000+001	.64000+001	.66000+001	.68000+001
-I-	\-\-\-\-\-\-\-\-\-\-\-	\-\-\-\-\-\-\-\-	SUM-P(I)	\-\-\-\-\-\-\-\-	\-\-\-\-\-\-
0	.32612+000	.31673+000	.30771+000	.29905+000	.29073+000
1	.81529+000	.80765+000	.80006+000	.79249+000	.78497+000
2	.97835+000	.97676+000	.97511+000	.97342+000	.97168+000
3	.99874+000	.99860+000	.99845+000	.99830+000	.99813+000
4	.99996+000	.99995+000	.99995+000	.99994+000	.99993+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.30664+001	.31573+001	.32498+001	.33439+001	.34396+001

THETA=	.70000+001	.72000+001	.74000+001	.76000+001	.78000+001
-I-	\-\-\-\-\-\-\-\-\-\-\-	\-\-\-\-\-\-\-\-	SUM-P(I)	\-\-\-\-\-\-\-\-	\-\-\-\-\-\-
0	.28272+000	.27502+000	.26761+000	.26046+000	.25358+000
1	.77749+000	.77006+000	.76267+000	.75534+000	.74807+000
2	.96990+000	.96807+000	.96620+000	.96429+000	.96234+000
3	.99796+000	.99777+000	.99758+000	.99738+000	.99716+000
4	.99992+000	.99991+000	.99990+000	.99989+000	.99988+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.35370+001	.36361+001	.37369+001	.38393+001	.39435+001

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   1   U3 =   1

THETA=	.80000+001	.82000+001	.84000+001	.86000+001	.88000+001
-I-			SUM-P(I)		
0	.24695+000	.24055+000	.23438+000	.22842+000	.22267+000
1	.74084+000	.73368+000	.72657+000	.71953+000	.71254+000
2	.96035+000	.95833+000	.95627+000	.95417+000	.95203+000
3	.99694+000	.99671+000	.99646+000	.99621+000	.99594+000
4	.99987+000	.99985+000	.99984+000	.99982+000	.99981+000
5	1.00000	1.00000	1.00000	.99999+000	.99999+000
6				1.00000	1.00000
H =	.40494+001	.41571+001	.42666+001	.43779+001	.44910+001

THETA=	.90000+001	.92000+001	.94000+001	.96000+001	.98000+001
-I-			SUM-P(I)		
0	.21711+000	.21174+000	.20655+000	.20153+000	.19668+000
1	.70562+000	.69875+000	.69195+000	.68522+000	.67854+000
2	.94987+000	.94767+000	.94544+000	.94318+000	.94089+000
3	.99567+000	.99538+000	.99508+000	.99477+000	.99446+000
4	.99979+000	.99977+000	.99975+000	.99973+000	.99970+000
5	.99999+000	.99999+000	.99999+000	.99999+000	.99999+000
6	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.46059+001	.47227+001	.48414+001	.49619+001	.50844+001

THETA=	.10000+002	.10200+002	.10400+002	.10600+002	.10800+002
-I-			SUM-P(I)		
0	.19198+000	.18793+000	.18303+000	.17876+000	.17463+000
1	.67193+000	.66539+000	.65891+000	.65249+000	.64614+000
2	.93858+000	.93623+000	.93386+000	.93146+000	.92904+000
3	.99413+000	.99379+000	.99343+000	.99307+000	.99270+000
4	.99968+000	.99966+000	.99963+000	.99960+000	.99957+000
5	.99999+000	.99999+000	.99999+000	.99999+000	.99998+000
6	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.52088+001	.53352+001	.54636+001	.55939+001	.57263+001

THETA=	.11000+002	.11200+002	.11400+002	.11600+002	.11800+002
-I-			SUM-P(I)		
0	.17063+000	.16674+000	.16298+000	.15933+000	.15578+000
1	.63985+000	.63363+000	.62747+000	.62137+000	.61534+000
2	.92660+000	.92413+000	.92164+000	.91913+000	.91660+000
3	.99231+000	.99192+000	.99151+000	.99109+000	.99066+000
4	.99954+000	.99951+000	.99948+000	.99944+000	.99940+000
5	.99998+000	.99998+000	.99998+000	.99998+000	.99998+000
6	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.58607+001	.59972+001	.61358+001	.62764+001	.64192+001

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 1   U3 = 1

THETA=	.12000+002	.12200+002	.12400+002	.12600+002	.12800+002
-I-			SUM-P(I)		
0	.15234+000	.14900+000	.14576+000	.14261+000	.13955+000
1	.60937+000	.60346+000	.59762+000	.59184+000	.58612+000
2	.91405+000	.91148+000	.90890+000	.90629+000	.90367+000
3	.99022+000	.98977+000	.98931+000	.98884+000	.98836+000
4	.99937+000	.99933+000	.99928+000	.99924+000	.99919+000
5	.99997+000	.99997+000	.99997+000	.99997+000	.99997+000
6	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.65642+001	.67113+001	.68606+001	.70121+001	.71658+001

THETA=	.13000+002	.13200+002	.13400+002	.13600+002	.13800+002
-I-			SUM-P(I)		
0	.13658+000	.13369+000	.13088+000	.12815+000	.12549+000
1	.58046+000	.57486+000	.56932+000	.56384+000	.55843+000
2	.90104+000	.89839+000	.89572+000	.89304+000	.89035+000
3	.98786+000	.98735+000	.98684+000	.98631+000	.98577+000
4	.99915+000	.99910+000	.99905+000	.99900+000	.99894+000
5	.99996+000	.99996+000	.99996+000	.99995+000	.99995+000
6	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.73218+001	.74801+001	.76407+001	.78036+001	.79688+001

THETA=	.14000+002	.14200+002	.14400+002	.14600+002	.14800+002
-I-			SUM-P(I)		
0	.12290+000	.12039+000	.11794+000	.11556+000	.11324+000
1	.55307+000	.54777+000	.54252+000	.53734+000	.53221+000
2	.88764+000	.88492+000	.88219+000	.87945+000	.87670+000
3	.98522+000	.98466+000	.98409+000	.98351+000	.98292+000
4	.99889+000	.99883+000	.99877+000	.99870+000	.99864+000
5	.99995+000	.99994+000	.99994+000	.99994+000	.99993+000
6	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.81364+001	.83064+001	.84789+001	.86537+001	.88311+001

THETA=	.15000+002	.15500+002	.16000+002	.16500+002	.17000+002
-I-			SUM-P(I)		
0	.11098+000	.10558+000	.10052+000	.95773-001	.91313-001
1	.52714+000	.51470+000	.50260+000	.49084+000	.47939+000
2	.87394+000	.86700+000	.86001+000	.85298+000	.84591+000
3	.98232+000	.98077+000	.97915+000	.97747+000	.97572+000
4	.99857+000	.99840+000	.99821+000	.99801+000	.99779+000
5	.99993+000	.99992+000	.99990+000	.99989+000	.99987+000
6	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.90109+001	.94715+001	.99482+001	.10441+002	.10951+002

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 1   U3 = 1

THETA=	.17500+002	.18000+002	.18500+002	.19000+002	.19500+002
-I-			SUM-P(I)		
0	.87119-001	.83170-001	.79450-001	.75941-001	.72629-001
1	.46826+000	.45744+000	.44690+000	.43666+000	.42670+000
2	.83882+000	.83170+000	.82457+000	.81742+000	.81027+000
3	.97392+000	.97205+000	.97012+000	.96814+000	.96609+000
4	.99756+000	.99731+000	.99705+000	.99677+000	.99648+000
5	.99986+000	.99984+000	.99982+000	.99980+000	.99977+000
6	.99999+000	.99999+000	.99999+000	.99999+000	.99999+000
7	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.11479+002	.12024+002	.12587+002	.13168+002	.13769+002

THETA=	.20000+002	.21000+002	.22000+002	.23000+002	.24000+002
-I-			SUM-P(I)		
0	.69500-001	.63743-001	.58581-001	.53939-001	.49754-001
1	.41700+000	.39839+000	.38078+000	.36409+000	.34828+000
2	.80311+000	.78882+000	.77457+000	.76039+000	.74630+000
3	.96399+000	.95963+000	.95506+000	.95028+000	.94532+000
4	.99617+000	.99550+000	.99477+000	.99396+000	.99308+000
5	.99975+000	.99969+000	.99962+000	.99954+000	.99945+000
6	.99999+000	.99999+000	.99998+000	.99998+000	.99997+000
7	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.14388+002	.15688+002	.17070+002	.18539+002	.20099+002

THETA=	.25000+002	.30000+002	.35000+002	.40000+002	.45000+002
-I-			SUM-P(I)		
0	.45971-001	.31656-001	.22490-001	.16383-001	.12184-001
1	.33329+000	.26908+000	.21927+000	.18021+000	.14925+000
2	.73234+000	.66478+000	.60191+000	.54427+000	.49192+000
3	.94017+000	.91209+000	.88091+000	.84766+000	.81317+000
4	.99213+000	.98628+000	.97857+000	.96901+000	.95773+000
5	.99935+000	.99865+000	.99755+000	.99598+000	.99387+000
6	.99996+000	.99991+000	.99981+000	.99965+000	.99940+000
7	1.00000	1.00000	.99999+000	.99998+000	.99996+000
8			1.00000	1.00000	1.00000
H =	.21753+002	.31590+002	.44465+002	.61039+002	.82077+002

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   1   U3 =   1

THETA=	.50000+002	.55000+002	.60000+002	.65000+002	.70000+002
-I-			SUM-P(I)		
0	.92203-002	.70827-002	.55119-002	.43387-002	.34501-002
1	.12447+000	.10447+000	.88190-001	.74843-001	.63826-001
2	.44462+000	.40204+000	.36378+000	.32944+000	.29862+000
3	.77811+000	.74301+000	.70828+000	.67421+000	.64103+000
4	.94485+000	.93054+000	.91497+000	.89831+000	.88072+000
5	.99117+000	.98785+000	.98387+000	.97923+000	.97393+000
6	.99905+000	.99857+000	.99793+000	.99712+000	.99613+000
7	.99993+000	.99988+000	.99981+000	.99972+000	.99959+000
8	1.00000	.99999+000	.99999+000	.99998+000	.99997+000
9		1.00000	1.00000	1.00000	1.00000
H =	.10846+003	.14119+003	.18143+003	.23048+003	.28985+003

THETA=	.75000+002	.80000+002	.85000+002	.90000+002	.95000+002
-I-			SUM-P(I)		
0	.27685-002	.22398-002	.18256-002	.14981-002	.12371-002
1	.54677-001	.47036-001	.40620-001	.35206-001	.30618-001
2	.27096+000	.24613+000	.22381+000	.20375+000	.18568+000
3	.60891+000	.57795+000	.54822+000	.51976+000	.49258+000
4	.86237+000	.84341+000	.82397+000	.80417+000	.78414+000
5	.96798+000	.96139+000	.95418+000	.94638+000	.93801+000
6	.99492+000	.99349+000	.99183+000	.98991+000	.98773+000
7	.99943+000	.99922+000	.99897+000	.99865+000	.99828+000
8	.99995+000	.99993+000	.99990+000	.99987+000	.99982+000
9	1.00000	1.00000	.99999+000	.99999+000	.99999+000
10			1.00000	1.00000	1.00000
H =	.36121+003	.44647+003	.54776+003	.66750+003	.80835+003

THETA=	.10000+003
-I-	SUM-P(I)
0	.10274-002
1	.26712-001
2	.16941+000
3	.46668+000
4	.76396+000
5	.92912+000
6	.98529+000
7	.99783+000
8	.99977+000
9	.99998+000
10	1.00000
H =	.97334+003

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   2   U3 =   0

THETA=	.00000+000	.10000-001	.20000-001	.30000-001	.40000-001
-I-			-SUM-P(I)-		
0	1.00000	.99668+000	.99337+000	.99008+000	.98681+000
1		1.00000	.99999+000	.99998+000	.99997+000
2			1.00000	1.00000	1.00000
H =	.50000+000	.50167+000	.50334+000	.50501+000	.50668+000

THETA=	.50000-001	.60000-001	.70000-001	.80000-001	.90000-001
-I-			-SUM-P(I)-		
0	.98356+000	.98032+000	.97710+000	.97390+000	.97071+000
1	.99995+000	.99993+000	.99990+000	.99987+000	.99984+000
2	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.50836+000	.51004+000	.51172+000	.51340+000	.51508+000

THETA=	.10000+000	.11000+000	.12000+000	.13000+000	.14000+000
-I-			-SUM-P(I)-		
0	.96755+000	.96440+000	.96126+000	.95814+000	.95504+000
1	.99980+000	.99976+000	.99971+000	.99966+000	.99961+000
2	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.51677+000	.51846+000	.52015+000	.52184+000	.52354+000

THETA=	.15000+000	.16000+000	.17000+000	.18000+000	.19000+000
-I-			-SUM-P(I)-		
0	.95195+000	.94888+000	.94583+000	.94279+000	.93977+000
1	.99955+000	.99949+000	.99943+000	.99936+000	.99929+000
2	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.52524+000	.52693+000	.52864+000	.53034+000	.53204+000

THETA=	.20000+000	.21000+000	.22000+000	.23000+000	.24000+000
-I-			-SUM-P(I)-		
0	.93676+000	.93377+000	.93080+000	.92784+000	.92489+000
1	.99922+000	.99914+000	.99906+000	.99897+000	.99888+000
2	1.00000	1.00000	1.00000	.99999+000	.99999+000
3				1.00000	1.00000
H =	.53375+000	.53546+000	.53717+000	.53889+000	.54060+000

THETA=	.25000+000	.26000+000	.27000+000	.28000+000	.29000+000
-I-			-SUM-P(I)-		
0	.92196+000	.91905+000	.91615+000	.91325+000	.91039+000
1	.99879+000	.99870+000	.99860+000	.99850+000	.99839+000
2	.99999+000	.99999+000	.99999+000	.99999+000	.99999+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.54232+000	.54404+000	.54576+000	.54749+000	.54922+000

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   2   U3 =   0

THETA=	.30000+000	.31000+000	.32000+000	.33000+000	.34000+000
-I-			SUM-P(I)		
0	.90753+000	.90469+000	.90196+000	.89905+000	.89625+000
1	.99829+000	.99818+000	.99806+000	.99795+000	.99783+000
2	.99999+000	.99999+000	.99999+000	.99998+000	.99998+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.55094+000	.55267+000	.55441+000	.55614+000	.55788+000

THETA=	.35000+000	.36000+000	.37000+000	.38000+000	.39000+000
-I-			SUM-P(I)		
0	.89346+000	.89069+000	.88793+000	.88519+000	.88246+000
1	.99770+000	.99758+000	.99745+000	.99731+000	.99718+000
2	.99998+000	.99998+000	.99998+000	.99998+000	.99998+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.55962+000	.56136+000	.56310+000	.56485+000	.56650+000

THETA=	.40000+000	.41000+000	.42000+000	.43000+000	.44000+000
-I-			SUM-P(I)		
0	.87974+000	.87704+000	.87435+000	.87167+000	.86901+000
1	.99704+000	.99690+000	.99676+000	.99661+000	.99646+000
2	.99997+000	.99997+000	.99997+000	.99997+000	.99997+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.56835+000	.57010+000	.57185+000	.57361+000	.57537+000

THETA=	.45000+000	.46000+000	.47000+000	.48000+000	.49000+000
-I-			SUM-P(I)		
0	.86636+000	.86372+000	.86109+000	.85849+000	.85588+000
1	.99631+000	.99615+000	.99600+000	.99584+000	.99567+000
2	.99996+000	.99996+000	.99996+000	.99996+000	.99995+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.57713+000	.57889+000	.58066+000	.58243+000	.58420+000

THETA=	.50000+000	.60000+000	.70000+000	.80000+000	.90000+000
-I-			SUM-P(I)		
0	.85329+000	.82809+000	.80405+000	.78110+000	.75918+000
1	.99551+000	.99371+000	.99166+000	.98940+000	.98693+000
2	.99995+000	.99992+000	.99987+000	.99981+000	.99974+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.59597+000	.60380+000	.62185+000	.64012+000	.65861+000

#1201

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   2   U3 =   0

THETA=	.10000+001	.11000+001	.12000+001	.13000+001	.14000+001
-I-			--SUM-P(I)--		
0	.73821+000	.71813+000	.69890+000	.68047+000	.66278+000
1	.98428+000	.98145+000	.97847+000	.97534+000	.97208+000
2	.99965+000	.99955+000	.99943+000	.99930+000	.99915+000
3	1.00000	.99999+000	.99999+000	.99999+000	.99999+000
4		1.00000	1.00000	1.00000	1.00000
H =	.67732+000	.69625+000	.71541+000	.73479+000	.75439+000

THETA=	.15000+001	.16000+001	.17000+001	.18000+001	.19000+001
-I-			--SUM-P(I)--		
0	.64580+000	.62949+000	.61380+000	.59871+000	.58419+000
1	.96870+000	.96521+000	.96162+000	.95794+000	.95417+000
2	.99898+000	.99879+000	.99858+000	.99835+000	.99811+000
3	.99998+000	.99998+000	.99998+000	.99997+000	.99996+000
4	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.77423+000	.79430+000	.81460+000	.83513+000	.85589+000

THETA=	.20000+001	.21000+001	.22000+001	.23000+001	.24000+001
-I-			--SUM-P(I)--		
0	.57020+000	.55671+000	.54371+000	.53117+000	.51906+000
1	.95033+000	.94641+000	.94243+000	.93840+000	.93431+000
2	.99784+000	.99756+000	.99726+000	.99694+000	.99659+000
3	.99996+000	.99995+000	.99994+000	.99993+000	.99992+000
4	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.87689+000	.89813+000	.91961+000	.94132+000	.96328+000

THETA=	.25000+001	.26000+001	.27000+001	.28000+001	.29000+001
-I-			--SUM-P(I)--		
0	.50737+000	.49607+000	.48514+000	.47458+000	.46436+000
1	.93017+000	.92599+000	.92177+000	.91752+000	.91324+000
2	.99623+000	.99585+000	.99545+000	.99503+000	.99460+000
3	.99990+000	.99989+000	.99987+000	.99986+000	.99984+000
4	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.98548+000	.10079+001	.10303+001	.10536+001	.10768+001

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   2   U3 =   0

THETA=	.30000+001	.31000+001	.32000+001	.33000+001	.34000+001
-I-			SUM-P(I)		
0	.45446+000	.44488+000	.43560+000	.42660+000	.41788+000
1	.90893+000	.90459+000	.90024+000	.89537+000	.89148+000
2	.99414+000	.99366+000	.99317+000	.99265+000	.99212+000
3	.99982+000	.99980+000	.99978+000	.99975+000	.99973+000
4	1.00000	1.00000	1.00000	1.00000	.99999+000
5					1.00000
H =	.11002+001	.11239+001	.11478+001	.11720+001	.11965+001

THETA=	.35000+001	.36000+001	.37000+001	.38000+001	.39000+001
-I-			SUM-P(I)		
0	.40942+000	.40122+000	.39325+000	.38552+000	.37800+000
1	.88708+000	.88267+000	.87826+000	.87383+000	.86941+000
2	.99157+000	.99100+000	.99042+000	.98981+000	.98919+000
3	.99970+000	.99967+000	.99964+000	.99960+000	.99957+000
4	.99999+000	.99999+000	.99999+000	.99999+000	.99999+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.12212+001	.12462+001	.12715+001	.12970+001	.13227+001

THETA=	.40000+001	.41000+001	.42000+001	.43000+001	.44000+001
-I-			SUM-P(I)		
0	.37071+000	.36361+000	.35672+000	.35001+000	.34349+000
1	.86498+000	.86055+000	.85612+000	.85170+000	.84728+000
2	.98855+000	.98789+000	.98722+000	.98652+000	.98582+000
3	.99953+000	.99949+000	.99945+000	.99941+000	.99936+000
4	.99999+000	.99999+000	.99999+000	.99999+000	.99998+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.13488+001	.13751+001	.14017+001	.14285+001	.14556+001

THETA=	.45000+001	.46000+001	.47000+001	.48000+001	.49000+001
-I-			SUM-P(I)		
0	.33714+000	.33097+000	.32495+000	.31910+000	.31339+000
1	.84286+000	.83845+000	.83405+000	.82966+000	.82527+000
2	.98509+000	.98435+000	.98360+000	.98282+000	.98203+000
3	.99932+000	.99927+000	.99921+000	.99916+000	.99910+000
4	.99998+000	.99998+000	.99998+000	.99998+000	.99998+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.14830+001	.15107+001	.15387+001	.15669+001	.15954+001

#1201

CUMULATIVE DISTRIBUTION FUNCTION CF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 2   U3 = C

THETA=	.50000+001	.52000+001	.54000+001	.56000+001	.58000+001
-I-			SUM-P(I)		
C	.30784+000	.29714+000	.28697+000	.27730+000	.26809+000
1	.82090+000	.81219+000	.80353+000	.79493+000	.78639+000
2	.98123+000	.97958+000	.97787+000	.97610+000	.97427+000
3	.99905+000	.99892+000	.99879+000	.99864+000	.99849+000
4	.99997+000	.99997+000	.99996+000	.99996+000	.99995+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.16242+001	.16827+001	.17423+001	.18031+001	.18651+001

THETA=	.60000+001	.62000+001	.64000+001	.66000+001	.68000+001
-I-			SUM-P(I)		
0	.25930+000	.25093+000	.24293+000	.23529+000	.22798+000
1	.77791+000	.76951+000	.76118+000	.75292+000	.74474+000
2	.97239+000	.97046+000	.96848+000	.96645+000	.96437+000
3	.99832+000	.99815+000	.99796+000	.99776+000	.99756+000
4	.99994+000	.99994+000	.99993+000	.99992+000	.99991+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.19282+001	.19926+001	.20582+001	.21251+001	.21931+001

THETA=	.70000+001	.72000+001	.74000+001	.76000+001	.78000+001
-I-			SUM-P(I)		
0	.22099+000	.21430+000	.20799+000	.20175+000	.19585+000
1	.73665+000	.72863+000	.72069+000	.71284+000	.70507+000
2	.96224+000	.96007+000	.95786+000	.95561+000	.95331+000
3	.99734+000	.99711+000	.99686+000	.99661+000	.99634+000
4	.99990+000	.99988+000	.99987+000	.99986+000	.99984+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.22625+001	.23332+001	.24051+001	.24784+001	.25529+001

THETA=	.80000+001	.82000+001	.34000+001	.86000+001	.88000+001
-I-			SUM-P(I)		
0	.19020+000	.18476+000	.17955+000	.17453+000	.16970+000
1	.69739+000	.68979+000	.68228+000	.67485+000	.66751+000
2	.95098+000	.94861+000	.94621+000	.94377+000	.94130+000
3	.99607+000	.99578+000	.99548+000	.99516+000	.99484+000
4	.99982+000	.99981+000	.99979+000	.99977+000	.99975+000
5	1.00000	.99999+000	.99999+000	.99999+000	.99999+000
6		1.00000	1.00000	1.00000	1.00000
H =	.26289+001	.27061+001	.27848+001	.28648+001	.29463+001

CUMULATIVE DISTRIBUTION FUNCTION CF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   2   U3 =   0

THETA= .90000+001   .92000+001   .94000+001   .96000+001   .98000+001
 -I-   --------------------------SUM-P(I)---------------------------
  0   .16506+000   .16059+000   .15629+000   .15214+000   .14814+000
  1   .66025+000   .65308+000   .64599+000   .63899+000   .63207+000
  2   .93879+000   .93626+000   .93369+000   .93110+000   .92848+000
  3   .99450+000   .99415+000   .99379+000   .99341+000   .99303+000
  4   .99972+000   .99970+000   .99967+000   .99965+000   .99962+000
  5   .99999+000   .99999+000   .99999+000   .99999+000   .99999+000
  6   1.00000   1.00000   1.00000   1.00000   1.00000
  H = .30292+001   .31135+001   .31992+001   .32864+001   .33751+001

THETA= .10000+002   .10200+002   .10400+002   .10600+002   .10800+002
 -I-   --------------------------SUM-P(I)---------------------------
  0   .14429+000   .14056+000   .13697+000   .13351+000   .13016+000
  1   .62524+000   .61849+000   .61182+000   .60523+000   .59872+000
  2   .92583+000   .92316+000   .92046+000   .91775+000   .91501+000
  3   .99263+000   .99222+000   .99180+000   .99136+000   .99091+000
  4   .99959+000   .99956+000   .99952+000   .99949+000   .99945+000
  5   .99999+000   .99998+000   .99998+000   .99998+000   .99998+000
  6   1.00000   1.00000   1.00000   1.00000   1.00000
  H = .34654+001   .35571+001   .36503+001   .37451+001   .38415+001

THETA= .11000+002   .11200+002   .11400+002   .11600+002   .11800+002
 -I-   --------------------------SUM-P(I)---------------------------
  0   .12692+000   .12379+000   .12077+000   .11784+000   .11501+000
  1   .59230+000   .58595+000   .57968+000   .57349+000   .56738+000
  2   .91224+000   .90946+000   .90666+000   .90384+000   .90101+000
  3   .99045+000   .98998+000   .98950+000   .98900+000   .98849+000
  4   .99941+000   .99937+000   .99933+000   .99929+000   .99924+000
  5   .99998+000   .99998+000   .99997+000   .99997+000   .99997+000
  6   1.00000   1.00000   1.00000   1.00000   1.00000
  H = .39395+001   .40390+001   .41402+001   .42430+001   .43474+001

THETA= .12000+002   .12200+002   .12400+002   .12600+002   .12800+002
 -I-   --------------------------SUM-P(I)---------------------------
  0   .11227+000   .10962+000   .10705+000   .10456+000   .10214+000
  1   .56135+000   .55539+000   .54950+000   .54369+000   .53795+000
  2   .89815+000   .89529+000   .89240+000   .88951+000   .88660+000
  3   .98797+000   .98744+000   .98689+000   .98633+000   .98577+000
  4   .99920+000   .99915+000   .99910+000   .99904+000   .99899+000
  5   .99997+000   .99996+000   .99996+000   .99996+000   .99996+000
  6   1.00000   1.00000   1.00000   1.00000   1.00000
  H = .44536+001   .45614+001   .46709+001   .47821+001   .48951+001

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   2   U3 =   0

THETA=	.13000+002	.13200+002	.13400+002	.13600+002	.13800+002
-I-			SUM-P(I)		
0	.99803-001	.97535-001	.95334-001	.93200-001	.91128-001
1	.53228+000	.52669+000	.52116+000	.51570+000	.51032+000
2	.88367+000	.88074+000	.87779+000	.87483+000	.87187+000
3	.98518+000	.98459+000	.98399+000	.98337+000	.98274+000
4	.99893+000	.99887+000	.99881+000	.99875+000	.99868+000
5	.99995+000	.99995+000	.99995+000	.99994+000	.99994+000
6	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.50099+001	.51264+001	.52447+001	.53648+001	.54868+001

THETA=	.14000+002	.14200+002	.14400+002	.14600+002	.14800+002
-I-			SUM-P(I)		
0	.89117-001	.87164-001	.85268-001	.83426-001	.81636-001
1	.50500+000	.49974+000	.49456+000	.48943+000	.48437+000
2	.86889+000	.86591+000	.86291+000	.85991+000	.85691+000
3	.98210+000	.98145+000	.98079+000	.98011+000	.97943+000
4	.99861+000	.99854+000	.99847+000	.99839+000	.99832+000
5	.99993+000	.99993+000	.99992+000	.99992+000	.99992+000
6	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.56106+001	.57363+001	.58639+001	.59933+001	.61247+001

THETA=	.15000+002	.15500+002	.16000+002	.16500+002	.17000+002
-I-			SUM-P(I)		
0	.79896-001	.75756-001	.71893-001	.68284-001	.64908-001
1	.47938+000	.46716+000	.45532+000	.44385+000	.43272+000
2	.85389+000	.84634+000	.83875+000	.83114+000	.82352+000
3	.97873+000	.97694+000	.97508+000	.97315+000	.97116+000
4	.99824+000	.99803+000	.99780+000	.99756+000	.99730+000
5	.99991+000	.99990+000	.99988+000	.99986+000	.99984+000
6	1.00000	1.00000	1.00000	.99999+000	.99999+000
7				1.00000	1.00000
H =	.62581+001	.66001+001	.69548+001	.73224+001	.77032+001

THETA=	.17500+002	.18000+002	.18500+002	.19000+002	.19500+002
-I-			SUM-P(I)		
0	.61747-001	.58783-001	.56001-001	.53387-001	.50929-001
1	.42194+000	.41148+000	.40134+000	.39151+000	.38197+000
2	.81590+000	.80827+000	.80064+000	.79302+000	.78542+000
3	.96910+000	.96698+000	.96480+000	.96255+000	.96025+000
4	.99703+000	.99674+000	.99643+000	.99611+000	.99576+000
5	.99982+000	.99980+000	.99978+000	.99975+000	.99972+000
6	.99999+000	.99999+000	.99999+000	.99999+000	.99999+000
7	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.80976+001	.85059+001	.89284+001	.93655+001	.96176+001

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 2   U3 = 0

THETA=	.20000+002	.21000+002	.22000+002	.23000+002	.24000+002
-I-			SUM-P(I)		
0	.48615-001	.44377-001	.40602-001	.37227-001	.34201-001
1	.37271+000	.35502+000	.33835+000	.32263+000	.30781+000
2	.77784+000	.76273+000	.74775+000	.73291+000	.71823+000
3	.95789+000	.95300+000	.94790+000	.94260+000	.93711+000
4	.99540+000	.99462+000	.99377+000	.99284+000	.99183+000
5	.99969+000	.99962+000	.99954+000	.99944+000	.99934+000
6	.99999+000	.99998+000	.99998+000	.99997+000	.99996+000
7	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.10285+002	.11267+002	.12315+002	.13431+002	.14619+002

THETA=	.25000+002	.30000+002	.35000+002	.40000+002	.45000+002
-I-			SUM-P(I)		
0	.31481-001	.21322-001	.14945-001	.10765-001	.79291-002
1	.29382+000	.23454+000	.18930+000	.15430+000	.12687+000
2	.70372+000	.63432+000	.57071+000	.51313+000	.46138+000
3	.93145+000	.90084+000	.86737+000	.83209+000	.79589+000
4	.99075+000	.98413+000	.97552+000	.96500+000	.95269+000
5	.99922+000	.99841+000	.99715+000	.99537+000	.99301+000
6	.99996+000	.99989+000	.99978+000	.99959+000	.99931+000
7	1.00000	1.00000	.99999+000	.99997+000	.99995+000
8			1.00000	1.00000	1.00000
H =	.15883+002	.23450+002	.33456+002	.46447+002	.63059+002

THETA=	.50000+002	.55000+002	.60000+002	.65000+002	.70000+002
-I-			SUM-P(I)		
0	.59506-002	.45375-002	.35080-002	.27451-002	.21712-002
1	.10513+000	.87724-001	.73668-001	.62222-001	.52833-001
2	.41505+000	.37368+000	.33677+000	.30385+000	.27448+000
3	.75941+000	.72318+000	.68757+000	.65285+000	.61926+000
4	.93877+000	.92342+000	.90692+000	.88918+000	.87066+000
5	.99001+000	.98635+000	.98199+000	.97695+000	.97122+000
6	.99891+000	.99836+000	.99766+000	.99676+000	.99566+000
7	.99992+000	.99986+000	.99979+000	.99968+000	.99954+000
8	1.00000	.99999+000	.99999+000	.99998+000	.99996+000
9		1.00000	1.00000	1.00000	1.00000
H =	.94026+002	.11019+003	.14253+003	.18214+003	.23029+003

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   2   U3 =   0

THETA=	.75000+002	.80000+002	.85000+002	.90000+002	.95000+002
-I-			-SUM-P(I)-		
0	.17338-002	.13964-002	.11335-002	.92659-003	.76240-003
1	.45078-001	.38634-001	.33248-001	.28724-001	.24905-001
2	.24825+000	.22482+000	.20386+000	.18509+000	.16825+000
3	.58688+000	.55582+000	.52612+000	.49781+000	.47087+000
4	.85143+000	.83165+000	.81146+000	.79099+000	.77034+000
5	.96481+000	.95775+000	.95006+000	.94177+000	.93291+000
6	.99434+000	.99278+000	.99096+000	.98888+000	.98054+000
7	.99936+000	.99913+000	.99885+000	.99850+000	.99809+000
8	.99995+000	.99992+000	.99989+000	.99985+000	.99980+000
9	1.00000	.99999+000	.99999+000	.99999+000	.99998+000
10		1.00000	1.00000	1.00000	1.00000
H =	.28839+003	.35806+003	.44112+003	.53961+003	.65583+003

THETA=	.10000+003
-I-	-SUM-P(I)-
0	.63106-003
1	.21656-001
2	.15314+000
3	.44529+000
4	.74962+000
5	.93352+000
6	.99391+000
7	.99760+000
8	.99974+000
9	.99998+000
10	1.00000
H =	.79232+003

U2 =   2   U3 =   1

THETA=	.00000+000	.10000-001	.20000-001	.30000-001	.40000-001
-I-			-SUM-P(I)-		
0	1.00000	.99834+000	.99667+000	.99502+000	.99337+000
1		1.00000	1.00000	.99999+000	.99999+000
2				1.00000	1.00000
H =	.50000+000	.50083+000	.50167+000	.50250+000	.50334+000

THETA=	.50000-001	.60000-001	.70000-001	.80000-001	.90000-001
-I-			-SUM-P(I)-		
0	.99172+000	.99007+000	.98843+000	.98680+000	.98517+000
1	.99998+000	.99998+000	.99997+000	.99996+000	.99994+000
2	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.50418+000	.50501+000	.50585+000	.50669+000	.50753+000

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   2   U3 =   1

THETA=	.10000+000	.11000+000	.12000+000	.13000+000	.14000+000
-I-			SUM-P(I)		
0	.98354+000	.98192+000	.98030+000	.97868+000	.97707+000
1	.99993+000	.99992+000	.99990+000	.99988+000	.99987+000
2	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.50837+000	.50921+000	.51005+000	.51089+000	.51173+000

THETA=	.15000+000	.16000+000	.17000+000	.18000+000	.19000+000
-I-			SUM-P(I)		
0	.97546+000	.97386+000	.97226+000	.97066+000	.96907+000
1	.99985+000	.99983+000	.99980+000	.99978+000	.99976+000
2	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.51258+000	.51342+000	.51427+000	.51511+000	.51596+000

THETA=	.20000+000	.21000+000	.22000+000	.23000+000	.24000+000
-I-			SUM-P(I)		
0	.96748+000	.96590+000	.96432+000	.96274+000	.96117+000
1	.99973+000	.99970+000	.99967+000	.99964+000	.99961+000
2	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.51681+000	.51765+000	.51850+000	.51935+000	.52020+000

THETA=	.25000+000	.26000+000	.27000+000	.28000+000	.29000+000
-I-			SUM-P(I)		
0	.95960+000	.95803+000	.95647+000	.95491+000	.95336+000
1	.99958+000	.99955+000	.99951+000	.99948+000	.99944+000
2	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.52105+000	.52190+000	.52275+000	.52361+000	.52446+000

THETA=	.30000+000	.31000+000	.32000+000	.33000+000	.34000+000
-I-			SUM-P(I)		
0	.95181+000	.95027+000	.94872+000	.94718+000	.94565+000
1	.99940+000	.99936+000	.99932+000	.99928+000	.99924+000
2	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.52531+000	.52617+000	.52702+000	.52788+000	.52874+000

THETA=	.35000+000	.36000+000	.37000+000	.38000+000	.39000+000
-I-			SUM-P(I)		
0	.94412+000	.94259+000	.94107+000	.93955+000	.93803+000
1	.99919+000	.99915+000	.99910+000	.99905+000	.99900+000
2	1.00000	.99999+000	.99999+000	.99999+000	.99999+000
3		1.00000	1.00000	1.00000	1.00000
H =	.52959+000	.53045+000	.53131+000	.53217+000	.53303+000

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   2   U3 =   1

THETA=	.40000+000	.41000+000	.42000+000	.43000+000	.44000+000
-I-	--------------------------------SUM-P(I)-------------------------------				
0	.93652+000	.93501+000	.93350+000	.93200+000	.93050+000
1	.99895+000	.99890+000	.99885+000	.99879+000	.99874+000
2	.99999+000	.99999+000	.99999+000	.99999+000	.99999+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.53389+000	.53475+000	.53562+000	.53648+000	.53734+000

THETA=	.45000+000	.46000+000	.47000+000	.48000+000	.49000+000
-I-	--------------------------------SUM-P(I)-------------------------------				
0	.92901+000	.92752+000	.92603+000	.92455+000	.92306+000
1	.99868+000	.99863+000	.99857+000	.99851+000	.99845+000
2	.99999+000	.99999+000	.99999+000	.99999+000	.99999+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.53821+000	.53907+000	.53994+000	.54081+000	.54167+000

THETA=	.50000+000	.60000+000	.70000+000	.80000+000	.90000+000
-I-	--------------------------------SUM-P(I)-------------------------------				
0	.92159+000	.90701+000	.89277+000	.87886+000	.86527+000
1	.99839+000	.99771+000	.99693+000	.99604+000	.99506+000
2	.99999+000	.99998+000	.99996+000	.99995+000	.99993+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.54254+000	.55126+000	.56005+000	.56892+000	.57786+000

THETA=	.10000+001	.11000+001	.12000+001	.13000+001	.14000+001
-I-	--------------------------------SUM-P(I)-------------------------------				
0	.85199+000	.83900+000	.82631+000	.81389+000	.80175+000
1	.99398+000	.99282+000	.99157+000	.99024+000	.98883+000
2	.99990+000	.99987+000	.99983+000	.99979+000	.99974+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.58686+000	.59595+000	.60510+000	.61433+000	.62363+000

THETA=	.15000+001	.16000+001	.17000+001	.18000+001	.19000+001
-I-	--------------------------------SUM-P(I)-------------------------------				
0	.78988+000	.77826+000	.76688+000	.75575+000	.74486+000
1	.98735+000	.98579+000	.98417+000	.98248+000	.98073+000
2	.99969+000	.99963+000	.99956+000	.99948+000	.99940+000
3	1.00000	1.00000	.99999+000	.99999+000	.99999+000
4			1.00000	1.00000	1.00000
H =	.53301+000	.64246+000	.65199+000	.66159+000	.67127+000

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   2   U3 =   1

THETA=	.20000+001	.21000+001	.22000+001	.23000+001	.24000+001
-I-	---	---	---SUM-P(I)---	---	---
0	.73419+000	.72374+000	.71350+000	.70348+000	.69366+000
1	.97891+000	.97705+000	.97512+000	.97315+000	.97112+000
2	.99931+000	.99921+000	.99910+000	.99899+000	.99887+000
3	.99999+000	.99999+000	.99998+000	.99998+000	.99998+000
4	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.69103+000	.69086+000	.70077+000	.71075+000	.72082+000

THETA=	.25000+001	.26000+001	.27000+001	.28000+001	.29000+001
-I-	---	---	---SUM-P(I)---	---	---
0	.68403+000	.67460+000	.66536+000	.65629+000	.64741+000
1	.96905+000	.96693+000	.96477+000	.96256+000	.96032+000
2	.99874+000	.99860+000	.99845+000	.99829+000	.99813+000
3	.99997+000	.99997+000	.99997+000	.99996+000	.99996+000
4	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.73096+000	.74118+000	.75148+000	.76186+000	.77231+000

THETA=	.30000+001	.31000+001	.32000+001	.33000+001	.34000+001
-I-	---	---	---SUM-P(I)---	---	---
0	.63869+000	.63014+000	.62176+000	.61353+000	.60546+000
1	.95804+000	.95572+000	.95336+000	.95098+000	.94856+000
2	.99795+000	.99777+000	.99758+000	.99738+000	.99717+000
3	.99995+000	.99994+000	.99994+000	.99993+000	.99992+000
4	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.78285+000	.79347+000	.80417+000	.81495+000	.82581+000

THETA=	.35000+001	.36000+001	.37000+001	.38000+001	.39000+001
-I-	---	---	---SUM-P(I)---	---	---
0	.59755+000	.58977+000	.58215+000	.57466+000	.56731+000
1	.94611+000	.94364+000	.94114+000	.93861+000	.93605+000
2	.99695+000	.99672+000	.99648+000	.99623+000	.99598+000
3	.99991+000	.99990+000	.99989+000	.99988+000	.99987+000
4	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.83676+000	.84778+000	.85889+000	.87008+000	.88136+000

THETA=	.40000+001	.41000+001	.42000+001	.43000+001	.44000+001
-I-	---	---	---SUM-P(I)---	---	---
0	.56009+000	.55300+000	.54604+000	.53920+000	.53248+000
1	.93349+000	.93088+000	.92826+000	.92562+000	.92296+000
2	.99571+000	.99544+000	.99515+000	.99486+000	.99455+000
3	.99986+000	.99985+000	.99983+000	.99982+000	.99980+000
4	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.89272+000	.90416+000	.91569+000	.92730+000	.93900+000

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   2   U3 =   1

THETA=	.45000+001	.46000+001	.47000+001	.48000+001	.49000+001
-I-			SUM-P(I)		
0	.52588+000	.51939+000	.51302+000	.50676+000	.50060+000
1	.92029+000	.91760+000	.91489+000	.91217+000	.90943+000
2	.99424+000	.99392+000	.99359+000	.99325+000	.99290+000
3	.99973+000	.99977+000	.99975+000	.99973+000	.99972+000
4	1.00000	1.00000	.99999+000	.99999+000	.99999+000
5			1.00000	1.00000	1.00000
H =	.95079+000	.96266+000	.97462+000	.98666+000	.99879+000

THETA=	.50000+001	.52000+001	.54000+001	.56000+001	.58000+001
-I-			SUM-P(I)		
0	.49455+000	.48276+000	.47135+000	.46032+000	.44964+000
1	.90668+000	.90114+000	.89556+000	.88995+000	.88430+000
2	.99254+000	.99179+000	.99101+000	.99020+000	.98934+000
3	.99969+000	.99965+000	.99960+000	.99955+000	.99950+000
4	.99999+000	.99999+000	.99999+000	.99999+000	.99999+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.10110+001	.10357+001	.10608+001	.10862+001	.11120+001

THETA=	.60000+001	.62000+001	.64000+001	.66000+001	.68000+001
-I-			SUM-P(I)		
0	.43931+000	.42931+000	.41962+000	.41023+000	.40113+000
1	.87862+000	.87293+000	.86721+000	.86148+000	.85574+000
2	.98845+000	.98753+000	.98657+000	.98557+000	.98455+000
3	.99943+000	.99937+000	.99930+000	.99923+000	.99915+000
4	.99998+000	.99998+000	.99998+000	.99998+000	.99997+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.11381+001	.11647+001	.11916+001	.12188+001	.12465+001

THETA=	.70000+001	.72000+001	.74000+001	.76000+001	.78000+001
-I-			SUM-P(I)		
0	.39230+000	.38375+000	.37544+000	.36739+000	.35957+000
1	.84999+000	.84424+000	.83849+000	.83274+000	.82700+000
2	.98349+000	.98239+000	.98127+000	.98011+000	.97892+000
3	.99906+000	.99897+000	.99888+000	.99877+000	.99867+000
4	.99997+000	.99997+000	.99996+000	.99996+000	.99995+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.12745+001	.13029+001	.13318+001	.13610+001	.13906+001

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$$U2 = 2 \qquad U3 = 1$$

THETA=	.80000+001	.82000+001	.84000+001	.86000+001	.88000+001
-I-			SUM-P(I)		
0	.35197+000	.34459+000	.33743+000	.33046+000	.32369+000
1	.82127+000	.81554+000	.80983+000	.80413+000	.79844+000
2	.97770+000	.97645+000	.97517+000	.97386+000	.97252+000
3	.99856+000	.99844+000	.99831+000	.99818+000	.99805+000
4	.99995+000	.99994+000	.99993+000	.99993+000	.99992+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.14206+001	.14510+001	.14818+001	.15130+001	.15447+001

THETA=	.90000+001	.92000+001	.94000+001	.96000+001	.98000+001
-I-			SUM-P(I)		
0	.31711+000	.31071+000	.30448+000	.29842+000	.29252+000
1	.79277+000	.78713+000	.78150+000	.77589+000	.77031+000
2	.97115+000	.96975+000	.96833+000	.96688+000	.96541+000
3	.99790+000	.99776+000	.99750+000	.99744+000	.99727+000
4	.99991+000	.99990+000	.99989+000	.99988+000	.99987+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.15767+001	.16092+001	.16421+001	.16755+001	.17093+001

THETA=	.10000+002	.10200+002	.10400+002	.10600+002	.10800+002
-I-			SUM-P(I)		
0	.28678+000	.28119+000	.27575+000	.27045+000	.26528+000
1	.76475+000	.75922+000	.75371+000	.74823+000	.74278+000
2	.96391+000	.96238+000	.96083+000	.95925+000	.95766+000
3	.99710+000	.99692+000	.99673+000	.99654+000	.99633+000
4	.99986+000	.99985+000	.99984+000	.99983+000	.99982+000
5	1.00000	1.00000	1.00000	.99999+000	.99999+000
6				1.00000	1.00000
H =	.17435+001	.17781+001	.18132+001	.18488+001	.18848+001

THETA=	.11000+002	.11200+002	.11400+002	.11600+002	.11800+002
-I-			SUM-P(I)		
0	.26024+000	.25534+000	.25055+000	.24589+000	.24134+000
1	.73736+000	.73196+000	.72660+000	.72127+000	.71597+000
2	.95604+000	.95439+000	.95273+000	.95104+000	.94933+000
3	.99613+000	.99591+000	.99569+000	.99546+000	.99522+000
4	.99980+000	.99979+000	.99977+000	.99975+000	.99974+000
5	.99999+000	.99999+000	.99999+000	.99999+000	.99999+000
6	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.19213+001	.19582+001	.19956+001	.20334+001	.20718+001

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 2   U3 = 1

THETA=	.12000+002	.12200+002	.12400+002	.12600+002	.12800+002
-I-			---SUM-P(I)---		
0	.23690+000	.23257+000	.22835+000	.22422+000	.22020+000
1	.71070+000	.70546+000	.70026+000	.69509+000	.68995+000
2	.94760+000	.94585+000	.94408+000	.94230+000	.94049+000
3	.99498+000	.99473+000	.99447+000	.99421+000	.99394+000
4	.99972+000	.99970+000	.99968+000	.99966+000	.99964+000
5	.99999+000	.99999+000	.99999+000	.99999+000	.99999+000
6	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.21106+001	.21499+001	.21897+001	.22299+001	.22707+001

THETA=	.13000+002	.13200+002	.13400+002	.13600+002	.13800+002
-I-			---SUM-P(I)---		
0	.21627+000	.21243+000	.20868+000	.20502+000	.20145+000
1	.68485+000	.67979+000	.67475+000	.66975+000	.66478+000
2	.93867+000	.93682+000	.93496+000	.93309+000	.93120+000
3	.99366+000	.99337+000	.99308+000	.99278+000	.99247+000
4	.99962+000	.99959+000	.99957+000	.99954+000	.99952+000
5	.99999+000	.99998+000	.99998+000	.99998+000	.99998+000
6	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.23119+001	.23537+001	.23960+001	.24387+001	.24820+001

THETA=	.14000+002	.14200+002	.14400+002	.14600+002	.14800+002
-I-			---SUM-P(I)---		
0	.19795+000	.19454+000	.19120+000	.18794+000	.18475+000
1	.65985+000	.65495+000	.65009+000	.64526+000	.64047+000
2	.92929+000	.92736+000	.92542+000	.92347+000	.92150+000
3	.99216+000	.99183+000	.99150+000	.99117+000	.99082+000
4	.99949+000	.99946+000	.99943+000	.99940+000	.99937+000
5	.99998+000	.99998+000	.99998+000	.99997+000	.99997+000
6	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.25258+001	.25702+001	.26150+001	.26604+001	.27063+001

THETA=	.15000+002	.15500+002	.16000+002	.16500+002	.17000+002
-I-			---SUM-P(I)---		
0	.18163+000	.17413+000	.16703+000	.16031+000	.15393+000
1	.63572+000	.62398+000	.61246+000	.60116+000	.59008+000
2	.91952+000	.91450+000	.90941+000	.90425+000	.89901+000
3	.99047+000	.98956+000	.98860+000	.98759+000	.98654+000
4	.99934+000	.99925+000	.99916+000	.99905+000	.99894+000
5	.99997+000	.99997+000	.99996+000	.99995+000	.99995+000
6	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.27528+001	.28714+001	.29934+001	.31190+001	.32482+001

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   2   U3 =   1

THETA=	.17500+002	.18000+002	.18500+002	.19000+002	.19500+002
-I-			SUM-P(I)		
0	.14788+000	.1421?+000	.13668+000	.13149+000	.12655+000
1	.57921+000	.56855+000	.55811+000	.54787+000	.53784+000
2	.89372+000	.88836+000	.88296+000	.87750+000	.87201+000
3	.98545+000	.98431+000	.98312+000	.98189+000	.98061+000
4	.99883+000	.99870+000	.99856+000	.99842+000	.99826+000
5	.99994+000	.99993+000	.99992+000	.99991+000	.99990+000
6	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.33811+001	.35177+001	.36582+001	.38026+001	.39510+001

THETA=	.20000+002	.21000+002	.22000+002	.23000+002	.24000+002
-I-			SUM-P(I)		
0	.12185+000	.11310+000	.10514+000	.97878-001	.91247-001
1	.52801+000	.50894+000	.49064+000	.47308+000	.45623+000
2	.86647+000	.85530+000	.84401+000	.83265+000	.82122+000
3	.97929+000	.97653+000	.97359+000	.97048+000	.96721+000
4	.99810+000	.99774+000	.99734+000	.99690+000	.99641+000
5	.99989+000	.99986+000	.99983+000	.99979+000	.99975+000
6	1.00000	.99999+000	.99999+000	.99999+000	.99999+000
7		1.00000	1.00000	1.00000	1.00000
H =	.41035+001	.44210+001	.47557+001	.51084+001	.54797+001

THETA=	.25000+002	.30000+002	.35000+002	.40000+002	.45000+002
-I-			SUM-P(I)		
0	.85175-001	.61431-001	.45417-001	.34264-001	.26291-001
1	.44007+000	.36959+000	.31035+000	.26269+000	.22347+000
2	.80976+000	.75253+000	.69671+000	.64340+000	.59318+000
3	.96379+000	.94450+000	.92208+000	.89720+000	.87047+000
4	.99598+000	.99249+000	.98782+000	.98181+000	.97445+000
5	.99970+000	.99935+000	.99878+000	.99792+000	.99673+000
6	.99999+000	.99996+000	.99992+000	.99984+000	.99972+000
7	1.00000	1.00000	1.00000	.99999+000	.99998+000
8				1.00000	1.00000
H =	.59703+001	.81392+001	.11009+002	.14593+002	.19018+002

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   2   U3 =   1

THETA=	.50000+002	.55000+002	.60000+002	.65000+002	.70000+002
-I-			-SUM-P(I)-		
0	.20466-001	.16132-001	.12855-001	.10343-001	.83945-002
1	.19101+000	.16400+000	.14140+000	.12239+000	.10633+000
2	.54633+000	.50288+000	.46277+000	.42587+000	.39198+000
3	.84242+000	.81351+000	.78414+000	.75463+000	.72523+000
4	.96579+000	.95589+000	.94483+000	.93271+000	.91963+000
5	.99516+000	.99318+000	.99074+000	.98783+000	.98443+000
6	.99953+000	.99928+000	.99894+000	.99849+000	.99793+000
7	.99997+000	.99995+000	.99991+000	.99987+000	.99980+000
8	1.00000	1.00000	.99999+000	.99999+000	.99999+000
9			1.00000	1.00000	1.00000
H =	.24431+002	.30995+002	.38896+002	.48341+002	.59563+002

THETA=	.75000+002	.80000+002	.85000+002	.90000+002	.95000+002
-I-			-SUM-P(I)-		
0	.68661-002	.56557-002	.46886-002	.39098-002	.32781-002
1	.92692-001	.81065-001	.71110-001	.62557-001	.55181-001
2	.36090+000	.33243+000	.30635+000	.28248+000	.26063+000
3	.69616+000	.66758+000	.63962+000	.61238+000	.58592+000
4	.90570+000	.89101+000	.87568+000	.85979+000	.84345+000
5	.98053+000	.97613+000	.97123+000	.96583+000	.95995+000
6	.99723+000	.99640+000	.99540+000	.99423+000	.99289+000
7	.99972+000	.99961+000	.99947+000	.99930+000	.99910+000
8	.99998+000	.99997+000	.99996+000	.99994+000	.99992+000
9	1.00000	1.00000	1.00000	1.00000	.99999+000
10					1.00000
H =	.72821+002	.88407+002	.10664+003	.12788+003	.15253+003

THETA=	.10000+003
-I-	-SUM-P(I)-
0	.27622-002
1	.48799-001
2	.24062+000
3	.56032+000
4	.82673+000
5	.95360+000
6	.99135+000
7	.99885+000
8	.99989+000
9	.99999+000
10	1.00000
H =	.18102+003

CUMULATIVE DISTRIBUTION FUNCTION CF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 2   U3 = 2

THETA=	.00000+000	.10000-001	.20000-001	.30000-001	.40000-001
-I-	------------------------SUM-P(I)------------------------				
0	1.00000	.99889+000	.99778+000	.99667+000	.99557+000
1		1.00000	1.00000	1.00000	.99999+000
2					1.00000
H =	.25000+000	.25028+000	.25056+000	.25083+000	.25111+000

THETA=	.50000-001	.60000-001	.70000-001	.80000-001	.90000-001
-I-	------------------------SUM-P(I)------------------------				
0	.99447+000	.99337+000	.99227+000	.99117+000	.99007+000
1	.99999+000	.99999+000	.99998+000	.99998+000	.99997+000
2	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.25139+000	.25167+000	.25195+000	.25223+000	.25251+000

THETA=	.10000+000	.11000+000	.12000+000	.13000+000	.14000+000
-I-	------------------------SUM-P(I)------------------------				
0	.98898+000	.98788+000	.98679+000	.98570+000	.98462+000
1	.99997+000	.99996+000	.99995+000	.99994+000	.99993+000
2	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.25279+000	.25307+000	.25335+000	.25363+000	.25391+000

THETA=	.15000+000	.16000+000	.17000+000	.18000+000	.19000+000
-I-	------------------------SUM-P(I)------------------------				
0	.98353+000	.98245+000	.98136+000	.98028+000	.97920+000
1	.99992+000	.99991+000	.99990+000	.99989+000	.99988+000
2	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.25419+000	.25447+000	.25475+000	.25503+000	.25531+000

THETA=	.20000+000	.21000+000	.22000+000	.23000+000	.24000+000
-I-	------------------------SUM-P(I)------------------------				
0	.97813+000	.97705+000	.97598+000	.97491+000	.97384+000
1	.99986+000	.99985+000	.99984+000	.99982+000	.99980+000
2	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.25559+000	.25587+000	.25615+000	.25643+000	.25672+000

THETA=	.25000+000	.26000+000	.27000+000	.28000+000	.29000+000
-I-	------------------------SUM-P(I)------------------------				
0	.97277+000	.97170+000	.97063+000	.96957+000	.96851+000
1	.99979+000	.99977+000	.99975+000	.99974+000	.99972+000
2	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.25700+000	.25728+000	.25756+000	.25785+000	.25813+000

CUMULATIVE DISTRIBUTION FUNCTION CF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 2   U3 = 2

THETA=	.30000+000	.31000+000	.32000+000	.33000+000	.34000+000
-I-			SUM-P(I)		
0	.96745+000	.96639+000	.96533+000	.96428+000	.96322+000
1	.99970+000	.99968+000	.99966+000	.99963+000	.99961+000
2	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.25841+000	.25869+000	.25898+000	.25926+000	.25955+000

THETA=	.35000+000	.36000+000	.37000+000	.38000+000	.39000+000
-I-			SUM-P(I)		
0	.96217+000	.96112+000	.96007+000	.95902+000	.95798+000
1	.99959+000	.99957+000	.99954+000	.99952+000	.99949+000
2	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.25983+000	.26011+000	.26040+000	.26068+000	.26097+000

THETA=	.40000+000	.41000+000	.42000+000	.43000+000	.44000+000
-I-			SUM-P(I)		
0	.95694+000	.95589+000	.95485+000	.95381+000	.95278+000
1	.99947+000	.99944+000	.99941+000	.99938+000	.99936+000
2	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.26125+000	.26154+000	.26182+000	.26211+000	.26239+000

THETA=	.45000+000	.46000+000	.47000+000	.48000+000	.49000+000
-I-			SUM-P(I)		
0	.95174+000	.95071+000	.94967+000	.94864+000	.94761+000
1	.99933+000	.99930+000	.99927+000	.99924+000	.99920+000
2	1.00000	1.00000	1.00000	1.00000	.99999+000
3					1.00000
H =	.26268+000	.26296+000	.26325+000	.26353+000	.26382+000

THETA=	.50000+000	.60000+000	.70000+000	.80000+000	.90000+000
-I-			SUM-P(I)		
0	.94658+000	.93639+000	.92636+000	.91648+000	.90674+000
1	.99917+000	.99882+000	.99841+000	.99794+000	.99742+000
2	.99999+000	.99999+000	.99999+000	.99998+000	.99997+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.26411+000	.26698+000	.26987+000	.27278+ 00	.27571+000

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   2   U3 =   2

THETA=	.10000+001	.11000+001	.12000+001	.13000+001	.14000+001
-I-			-SUM-P(I)-		
0	.89716+000	.88772+000	.87842+000	.86925+000	.86022+000
1	.99684+000	.99622+000	.99554+000	.99481+000	.99404+000
2	.99996+000	.99994+000	.99993+000	.99991+000	.99989+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.27866+000	.28162+000	.28460+000	.28760+000	.29062+000

THETA=	.15000+001	.16000+001	.17000+001	.18000+001	.19000+001
-I-			-SUM-P(I)-		
0	.85133+000	.84256+000	.83392+000	.82541+000	.81702+000
1	.99321+000	.99235+000	.99144+000	.99049+000	.98950+000
2	.99987+000	.99984+000	.99981+000	.99977+000	.99974+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.29366+000	.29671+000	.29979+000	.30288+000	.30599+000

THETA=	.20000+001	.21000+001	.22000+001	.23000+001	.24000+001
-I-			-SUM-P(I)-		
0	.80874+000	.80059+000	.79255+000	.78462+000	.77681+000
1	.98846+000	.98739+000	.98628+000	.98514+000	.98396+000
2	.99970+000	.99965+000	.99960+000	.99955+000	.99949+000
3	1.00000	.99999+000	.99999+000	.99999+000	.99999+000
4		1.00000	1.00000	1.00000	1.00000
H =	.30912+000	.31227+000	.31544+000	.31862+000	.32183+000

THETA=	.25000+001	.26000+001	.27000+001	.28000+001	.29000+001
-I-			-SUM-P(I)-		
0	.76910+000	.76150+000	.75401+000	.74662+000	.73933+000
1	.98274+000	.98149+000	.98021+000	.97890+000	.97756+000
2	.99943+000	.99937+000	.99930+000	.99923+000	.99915+000
3	.99999+000	.99999+000	.99999+000	.99999+000	.99998+000
4	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.32505+000	.32830+000	.33156+000	.33484+000	.33814+000

THETA=	.30000+001	.31000+001	.32000+001	.33000+001	.34000+001
-I-			-SUM-P(I)-		
0	.73214+000	.72505+000	.71805+000	.71115+000	.70433+000
1	.97619+000	.97478+000	.97336+000	.97190+000	.97042+000
2	.99907+000	.99898+000	.99889+000	.99879+000	.99869+000
3	.99998+000	.99998+000	.99998+000	.99997+000	.99997+000
4	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.34146+000	.34481+000	.34817+000	.35155+000	.35494+000

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   2   U3 =   2

THETA=	.35000+001	.36000+001	.37000+001	.38000+001	.39000+001
-I-			-SUM-P(I)-		
0	.69761+000	.69098+000	.68444+000	.67798+000	.67161+000
1	.96891+000	.96738+000	.96582+000	.96424+000	.96264+000
2	.99858+000	.99847+000	.99835+000	.99823+000	.99810+000
3	.99997+000	.99996+000	.99996+000	.99995+000	.99995+000
4	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.35836+000	.36180+000	.36526+000	.36874+000	.37224+000

THETA=	.40000+001	.41000+001	.42000+001	.43000+001	.44000+001
-I-			-SUM-P(I)-		
0	.66532+000	.65911+000	.65298+000	.64693+000	.64095+000
1	.96101+000	.95937+000	.95770+000	.95601+000	.95431+000
2	.99797+000	.99784+000	.99769+000	.99755+000	.99739+000
3	.99994+000	.99994+000	.99993+000	.99993+000	.99992+000
4	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.37576+000	.37930+000	.38286+000	.38644+000	.39004+000

THETA=	.45000+001	.46000+001	.47000+001	.48000+001	.49000+001
-I-			-SUM-P(I)-		
0	.63506+000	.62923+000	.62348+000	.61781+000	.61220+000
1	.95258+000	.95084+000	.94908+000	.94730+000	.94551+000
2	.99724+000	.99707+000	.99690+000	.99673+000	.99655+000
3	.99991+000	.99991+000	.99990+000	.99989+000	.99988+000
4	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.39367+000	.39731+000	.40097+000	.40466+000	.40836+000

THETA=	.50000+001	.52000+001	.54000+001	.56000+001	.58000+001
-I-			-SUM-P(I)-		
0	.60667+000	.59580+000	.58520+000	.57486+000	.56476+000
1	.94370+000	.94004+000	.93632+000	.93254+000	.92872+000
2	.99636+000	.99598+000	.99557+000	.99514+000	.99469+000
3	.99988+000	.99986+000	.99984+000	.99981+000	.99979+000
4	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.41209+000	.41960+000	.42720+000	.43489+000	.44266+000

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   2   U3 =   2

THETA=	.60000+001	.62000+001	.64000+001	.66000+001	.68000+001
-I-			SUM-P(I)		
0	.55491+000	.54529+000	.53590+000	.52673+000	.51777+000
1	.92485+000	.92094+000	.91698+000	.91299+000	.90897+000
2	.99421+000	.99372+000	.99320+000	.99266+000	.99210+000
3	.99976+000	.99973+000	.99970+000	.99967+000	.99963+000
4	.99999+000	.99999+000	.99999+000	.99999+000	.99999+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.45052+000	.45847+000	.46651+000	.47463+000	.48284+000

THETA=	.70000+001	.72000+001	.74000+001	.76000+001	.78000+001
-I-			SUM-P(I)		
0	.50901+000	.50046+000	.49210+000	.48393+000	.47594+000
1	.90491+000	.90082+000	.89671+000	.89258+000	.88842+000
2	.99151+000	.99091+000	.99028+000	.98963+000	.98896+000
3	.99960+000	.99955+000	.99951+000	.99946+000	.99942+000
4	.99999+000	.99999+000	.99999+000	.99998+000	.99998+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.49115+000	.49954+000	.50803+000	.51661+000	.52528+000

THETA=	.80000+001	.82000+001	.84000+001	.86000+001	.88000+001
-I-			SUM-P(I)		
0	.46813+000	.46049+000	.45302+000	.44571+000	.43856+000
1	.88424+000	.88004+000	.87583+000	.87160+000	.86736+000
2	.98827+000	.98755+000	.98682+000	.98606+000	.98529+000
3	.99936+000	.99931+000	.99925+000	.99919+000	.99912+000
4	.99998+000	.99998+000	.99997+000	.99997+000	.99997+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.53404+000	.54290+000	.55186+000	.56091+000	.57005+000

THETA=	.90000+001	.92000+001	.94000+001	.96000+001	.98000+001
-I-			SUM-P(I)		
0	.43156+000	.42471+000	.41801+000	.41144+000	.40502+000
1	.86311+000	.85886+000	.85459+000	.85032+000	.84604+000
2	.98449+000	.98367+000	.98284+000	.98198+000	.98110+000
3	.99906+000	.99898+000	.99891+000	.99883+000	.99875+000
4	.99997+000	.99996+000	.99996+000	.99995+000	.99995+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.57930+000	.58864+000	.59808+000	.60762+000	.61726+000

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   2   U3 =   2

THETA=	.10000+002	.10200+002	.10400+002	.10600+002	.10800+002
-I-			SUM-P(I)		
0	.39873+000	.39257+000	.38653+000	.38062+000	.37483+000
1	.84176+000	.83747+000	.83319+000	.82890+000	.82462+000
2	.98020+000	.97929+000	.97835+000	.97740+000	.97643+000
3	.99866+000	.99858+000	.99848+000	.99839+000	.99829+000
4	.99995+000	.99994+000	.99994+000	.99993+000	.99993+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.62699+000	.63684+000	.64678+000	.65682+000	.66697+000

THETA=	.11000+002	.11200+002	.11400+002	.11600+002	.11800+002
-I-			SUM-P(I)		
0	.36915+000	.36359+000	.35814+000	.35280+000	.34756+000
1	.82034+000	.81606+000	.81179+000	.80752+000	.80325+000
2	.97543+000	.97442+000	.97340+000	.97235+000	.97129+000
3	.99818+000	.99807+000	.99796+000	.99785+000	.99773+000
4	.99992+000	.99991+000	.99991+000	.99990+000	.99989+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.67723+000	.68758+000	.69805+000	.70862+000	.71930+000

THETA=	.12000+002	.12200+002	.12400+002	.12600+002	.12800+002
-I-			SUM-P(I)		
0	.34243+000	.33739+000	.33245+000	.32761+000	.32286+000
1	.79899+000	.79474+000	.79050+000	.78627+000	.78204+000
2	.97021+000	.96911+000	.96800+000	.96686+000	.96572+000
3	.99760+000	.99747+000	.99734+000	.99720+000	.99706+000
4	.99988+000	.99988+000	.99987+000	.99986+000	.99985+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.73008+000	.74098+000	.75198+000	.76310+000	.77432+000

THETA=	.13000+002	.13200+002	.13400+002	.13600+002	.13800+002
-I-			SUM-P(I)		
0	.31820+000	.31363+000	.30915+000	.30475+000	.30043+000
1	.77783+000	.77363+000	.76943+000	.76525+000	.76108+000
2	.96455+000	.96337+000	.96218+000	.96097+000	.95974+000
3	.99692+000	.99677+000	.99661+000	.99646+000	.99629+000
4	.99984+000	.99983+000	.99982+000	.99981+000	.99980+000
5	.99999+000	.99999+000	.99999+000	.99999+000	.99999+000
6	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.78566+000	.79711+000	.80868+000	.82036+000	.83215+000

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   2   U3 =   2

THETA=	.14000+002	.14200+002	.14400+002	.14600+002	.14800+002
-I-			SUM-P(I)		
0	.29619+000	.29203+000	.28794+000	.28393+000	.28000+000
1	.75693+000	.75278+000	.74865+000	.74454+000	.74043+000
2	.95850+000	.95724+000	.95597+000	.95469+000	.95339+000
3	.99612+000	.99595+000	.99578+000	.99560+000	.99541+000
4	.99978+000	.99977+000	.99976+000	.99974+000	.99973+000
5	.99999+000	.99999+000	.99999+000	.99999+000	.99999+000
6	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.84406+000	.85608+000	.86823+000	.88049+000	.89287+000

THETA=	.15000+002	.15500+002	.16000+002	.16500+002	.17000+002
-I-			SUM-P(I)		
0	.27613+000	.26677+000	.25781+000	.24924+000	.24104+000
1	.73635+000	.72620+000	.71614+000	.70619+000	.69635+000
2	.95207+000	.94873+000	.94531+000	.94181+000	.93823+000
3	.99522+000	.99472+000	.99420+000	.99364+000	.99306+000
4	.99971+000	.99967+000	.99963+000	.99958+000	.99953+000
5	.99999+000	.99999+000	.99998+000	.99998+000	.99998+000
6	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.90537+000	.93715+000	.96970+000	.10030+001	.10372+001

THETA=	.17500+002	.18000+002	.18500+002	.19000+002	.19500+002
-I-			SUM-P(I)		
0	.23319+000	.22566+000	.21845+000	.21153+000	.20489+000
1	.68662+000	.67699+000	.66749+000	.65810+000	.64882+000
2	.93458+000	.93087+000	.92709+000	.92324+000	.91934+000
3	.99244+000	.99180+000	.99112+000	.99041+000	.98968+000
4	.99947+000	.99941+000	.99935+000	.99928+000	.99920+000
5	.99998+000	.99997+000	.99997+000	.99996+000	.99996+000
6	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.10721+001	.11078+001	.11444+001	.11819+001	.12202+001

THETA=	.20000+002	.21000+002	.22000+002	.23000+002	.24000+002
-I-			SUM-P(I)		
0	.19852+000	.18651+000	.17542+000	.16516+000	.15566+000
1	.63967+000	.62171+000	.60424+000	.58725+000	.57074+000
2	.91538+000	.90731+000	.89905+000	.89062+000	.88205+000
3	.98891+000	.98728+000	.98553+000	.98366+000	.98166+000
4	.99912+000	.99894+000	.99874+000	.99852+000	.99827+000
5	.99996+000	.99994+000	.99993+000	.99991+000	.99989+000
6	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.12593+001	.13404+001	.14251+001	.15136+001	.16061+001

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   2   U3 =   2

THETA=	.25000+002	.30000+002	.35000+002	.40000+002	.45000+002
-I-			-SUM-P(I)-		
0	.14683+000	.11107+000	.85577-001	.66955-001	.53075-001
1	.55469+000	.48131+000	.41838+000	.36453+000	.31845+000
2	.87334+000	.82840+000	.78238+000	.73650+000	.69163+000
3	.97955+000	.96724+000	.95224+000	.93489+000	.91554+000
4	.99799+000	.99617+000	.99353+000	.99000+000	.98552+000
5	.99987+000	.99971+000	.99943+000	.99899+000	.99837+000
6	.99999+000	.99998+000	.99997+000	.99993+000	.99987+000
7	1.00000	1.00000	1.00000	1.00000	.99999+000
8					1.00000
H =	.17026+001	.22508+001	.29213+001	.37339+001	.47103+001

THETA=	.50000+002	.55000+002	.60000+002	.65000+002	.70000+002
-I-			-SUM-P(I)-		
0	.42551-001	.34454-001	.28144-001	.23171-001	.19211-001
1	.27895+000	.24501+000	.21577+000	.19051+000	.16863+000
2	.64832+000	.60690+000	.56757+000	.53043+000	.49549+000
3	.89456+000	.87228+000	.84901+000	.82503+000	.80056+000
4	.98007+000	.97365+000	.96628+000	.95800+000	.94886+000
5	.99751+000	.99640+000	.99500+000	.99328+000	.99123+000
6	.99979+000	.99966+000	.99949+000	.99926+000	.99896+000
7	.99999+000	.99998+000	.99996+000	.99994+000	.99991+000
8	1.00000	1.00000	1.00000	1.00000	.99999+000
9					1.00000
H =	.58753+001	.72560+001	.89828+001	.10789+002	.13013+002

THETA=	.75000+002	.80000+002	.85000+002	.90000+002	.95000+002
-I-			-SUM-P(I)-		
0	.16031-001	.13455-001	.11354-001	.96286-002	.82025-002
1	.14962+000	.13306+000	.11859+000	.10591+000	.94785-001
2	.46273+000	.43207+000	.40343+000	.37672+000	.35183+000
3	.77583+000	.75101+000	.72625+000	.70169+000	.67741+000
4	.93891+000	.92820+000	.91681+000	.90479+000	.89221+000
5	.98883+000	.98606+000	.98292+000	.97940+000	.97549+000
6	.99858+000	.99812+000	.99755+000	.99688+000	.99610+000
7	.99987+000	.99982+000	.99975+000	.99966+000	.99955+000
8	.99999+000	.99999+000	.99998+000	.99997+000	.99996+000
9	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.15595+002	.18580+002	.22018+002	.25964+002	.30478+002

#1201

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   2   U3 =   2

THETA= .10000+003
-I-	------------SUM-P(I)------------
0	.70173-002
1	.84987-001
2	.32864+000
3	.65352+000
4	.87912+000
5	.97121+000
6	.99519+000
7	.99942+000
8	.99995+000
9	1.00000
H = .35626+002

U2 =   3   U3 =   0

THETA=	.00000+000	.10000-001	.20000-001	.30000-001	.40000-001
-I-	------------SUM-P(I)------------				
0	1.00000	.99750+000	.99502+000	.99254+000	.99008+000
1		1.00000	1.00000	.99999+000	.99998+000
2				1.00000	1.00000
H =	.16667+000	.16708+000	.16750+000	.16792+000	.16834+000

THETA=	.50000-001	.60000-001	.70000-001	.80000-001	.90000-001
-I-	------------SUM-P(I)------------				
0	.98762+000	.98518+000	.98274+000	.98032+000	.97790+000
1	.99997+000	.99996+000	.99994+000	.99992+000	.99990+000
2	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.16876+000	.16917+000	.16959+000	.17001+000	.17043+000

THETA=	.10000+000	.11000+000	.12000+000	.13000+000	.14000+000
-I-	------------SUM-P(I)------------				
0	.97549+000	.97309+000	.97070+000	.96832+000	.96595+000
1	.99988+000	.99985+000	.99982+000	.99979+000	.99976+000
2	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.17085+000	.17128+000	.17170+000	.17212+000	.17254+000

THETA=	.15000+000	.16000+000	.17000+000	.18000+000	.19000+000
-I-	------------SUM-P(I)------------				
0	.96359+000	.96124+000	.95890+000	.95657+000	.95424+000
1	.99973+000	.99969+000	.99965+000	.99961+000	.99957+000
2	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.17296+000	.17339+000	.17381+000	.17423+000	.17466+000

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3   U3 = 0

THETA=	.20000+000	.21000+000	.22000+000	.23000+000	.24000+000
-I-			--SUM-P(I)--		
0	.95193+000	.94962+000	.94732+000	.94503+000	.94275+000
1	.99952+000	.99947+000	.99942+000	.99937+000	.99932+000
2	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.17508+000	.17551+000	.17593+000	.17636+000	.17679+000

THETA=	.25000+000	.26000+000	.27000+000	.28000+000	.29000+000
-I-			--SUM-P(I)--		
0	.94048+000	.93822+000	.93597+000	.93372+000	.93148+000
1	.99926+000	.99920+000	.99914+000	.99908+000	.99902+000
2	1.00000	1.00000	1.00000	1.00000	.99999+000
3					1.00000
H =	.17721+000	.17764+000	.17807+000	.17850+000	.17893+000

THETA=	.30000+000	.31000+000	.32000+000	.33000+000	.34000+000
-I-			--SUM-P(I)--		
0	.92925+000	.92703+000	.92482+000	.92262+000	.92043+000
1	.99895+000	.99888+000	.99881+000	.99874+000	.99866+000
2	.99999+000	.99999+000	.99999+000	.99999+000	.99999+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.17936+000	.17978+000	.18021+000	.18064+000	.18108+000

THETA=	.35000+000	.36000+000	.37000+000	.38000+000	.39000+000
-I-			--SUM-P(I)--		
0	.91824+000	.91606+000	.91389+000	.91173+000	.90957+000
1	.99858+000	.99851+000	.99843+000	.99834+000	.99826+000
2	.99999+000	.99999+000	.99999+000	.99999+000	.99999+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.18151+000	.18194+000	.18237+000	.18280+000	.18324+000

THETA=	.40000+000	.41000+000	.42000+000	.43000+000	.44000+000
-I-			--SUM-P(I)--		
0	.90743+000	.90529+000	.90316+000	.90104+000	.89893+000
1	.99817+000	.99808+000	.99799+000	.99790+000	.99781+000
2	.99999+000	.99999+000	.99998+000	.99998+000	.99998+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.18367+000	.18410+000	.18454+000	.18497+000	.18541+000

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   3   U3 =   0

THETA=	.45000+000	.46000+000	.47000+000	.48000+000	.49000+000
-I-			-SUM-P(I)-		
0	.89682+000	.89472+000	.89263+000	.89055+000	.88847+000
1	.99771+000	.99761+000	.99751+000	.99741+000	.99731+000
2	.99998+000	.99998+000	.99998+000	.99998+000	.99998+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.18584+000	.18628+000	.18671+000	.18715+000	.18759+000

THETA=	.50000+000	.60000+000	.70000+000	.80000+000	.90000+000
-I-			-SUM-P(I)-		
0	.88640+000	.86614+000	.84659+000	.82773+000	.80952+000
1	.99720+000	.99606+000	.99475+000	.99328+000	.99167+000
2	.99997+000	.99996+000	.99993+000	.99990+000	.99986+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.18803+000	.19243+000	.19687+000	.20135+000	.20588+000

THETA=	.10000+001	.11000+001	.12000+001	.13000+001	.14000+001
-I-			-SUM-P(I)-		
0	.79193+000	.77493+000	.75849+000	.74259+000	.72720+000
1	.98992+000	.98804+000	.98604+000	.98393+000	.98172+000
2	.99982+000	.99976+000	.99969+000	.99962+000	.99953+000
3	1.00000	1.00000	1.00000	1.00000	.99999+000
4					1.00000
H =	.21046+000	.21507+000	.21973+000	.22444+000	.22919+000

THETA=	.15000+001	.16000+001	.17000+001	.18000+001	.19000+001
-I-			-SUM-P(I)-		
0	.71229+000	.69786+000	.68386+000	.67030+000	.65714+000
1	.97940+000	.97700+000	.97451+000	.97193+000	.96929+000
2	.99944+000	.99933+000	.99921+000	.99908+000	.99894+000
3	.99999+000	.99999+000	.99999+000	.99999+000	.99998+000
4	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.23399+000	.23883+000	.24371+000	.24865+000	.25362+000

THETA=	.20000+001	.21000+001	.22000+001	.23000+001	.24000+001
-I-			-SUM-P(I)-		
0	.64438+000	.63199+000	.61996+000	.60827+000	.59692+000
1	.96657+000	.96378+000	.96093+000	.95803+000	.95507+000
2	.99879+000	.99862+000	.99844+000	.99825+000	.99805+000
3	.99998+000	.99997+000	.99997+000	.99996+000	.99996+000
4	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.25865+000	.26372+000	.26884+000	.27400+000	.27921+000

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3   U3 = 0

THETA=	.25000+001	.26000+001	.27000+001	.28000+001	.29000+001
-I-			--SUM-P(I)--		
0	.58588+000	.57515+000	.56472+000	.55457+000	.54469+000
1	.95206+000	.94900+000	.94590+000	.94276+000	.93958+000
2	.99783+000	.99760+000	.99736+000	.99711+000	.99684+000
3	.99995+000	.99994+000	.99994+000	.99993+000	.99992+000
4	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.28447+000	.28978+000	.29513+000	.30054+000	.30599+000

THETA=	.30000+001	.31000+001	.32000+001	.33000+001	.34000+001
-I-			--SUM-P(I)--		
0	.53507+000	.52570+000	.51658+000	.50769+000	.49903+000
1	.93637+000	.93312+000	.92985+000	.92654+000	.92321+000
2	.99656+000	.99627+000	.99597+000	.99565+000	.99532+000
3	.99991+000	.99990+000	.99989+000	.99987+000	.99986+000
4	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.31149+000	.31704+000	.32263+000	.32828+000	.33398+000

THETA=	.35000+001	.36000+001	.37000+001	.38000+001	.39000+001
-I-			--SUM-P(I)--		
0	.49059+000	.48236+000	.47433+000	.46650+000	.45885+000
1	.91985+000	.91648+000	.91308+000	.90967+000	.90624+000
2	.99498+000	.99462+000	.99425+000	.99387+000	.99348+000
3	.99985+000	.99983+000	.99981+000	.99980+000	.99978+000
4	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.33973+000	.34553+000	.35137+000	.35727+000	.36322+000

THETA=	.40000+001	.41000+001	.42000+001	.43000+001	.44000+001
-I-			--SUM-P(I)--		
0	.45139+000	.44411+000	.43700+000	.43006+000	.42328+000
1	.90279+000	.89933+000	.89586+000	.89238+000	.88888+000
2	.99307+000	.99265+000	.99222+000	.99177+000	.99132+000
3	.99976+000	.99974+000	.99971+000	.99969+000	.99966+000
4	1.00000	.99999+000	.99999+000	.99999+000	.99966+000
5		1.00000	1.00000	1.00000	1.00000
H =	.36923+000	.37528+000	.38138+000	.38754+000	.39375+000

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   3   U3 =   0

THETA=	.45000+001	.46000+001	.47000+001	.48000+001	.49000+001
-I-			—SUM-P(I)—		
0	.41665+000	.41018+000	.40385+000	.39766+000	.39161+000
1	.89539+000	.88188+000	.87837+000	.87485+000	.87133+000
2	.99085+000	.99037+000	.98988+000	.98937+000	.98886+000
3	.99964+000	.99961+000	.99958+000	.99955+000	.99952+000
4	.99999+000	.99999+000	.99999+000	.99999+000	.99999+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.40001+000	.40633+000	.41270+000	.41912+000	.42560+000

THETA=	.50000+001	.52000+001	.54000+001	.56000+001	.58000+001
-I-			—SUM-P(I)—		
0	.38569+000	.37424+000	.36327+000	.35277+000	.34269+000
1	.86780+000	.86075+000	.85369+000	.84664+000	.83960+000
2	.98833+000	.98724+000	.98610+000	.98492+000	.98370+000
3	.99949+000	.99942+000	.99934+000	.99926+000	.99917+000
4	.99999+000	.99999+000	.99998+000	.99998+000	.99998+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.43213+000	.44535+000	.45879+000	.47246+000	.48635+000

THETA=	.60000+001	.62000+001	.64000+001	.66000+001	.68000+001
-I-			—SUM-P(I)—		
0	.33303+000	.32375+000	.31484+000	.30627+000	.29803+000
1	.83257+000	.82556+000	.81857+000	.81161+000	.80468+000
2	.98243+000	.98112+000	.97977+000	.97838+000	.97695+000
3	.99908+000	.99898+000	.99887+000	.99876+000	.99864+000
4	.99997+000	.99997+000	.99996+000	.99996+000	.99995+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.50046+000	.51480+000	.52938+000	.54418+000	.55923+000

THETA=	.70000+001	.72000+001	.74000+001	.76000+001	.78000+001
-I-			—SUM-P(I)—		
0	.29010+000	.28247+000	.27512+000	.26804+000	.26121+000
1	.79779+000	.79092+000	.78410+000	.77732+000	.77058+000
2	.97548+000	.97397+000	.97242+000	.97084+000	.96923+000
3	.99851+000	.99837+000	.99823+000	.99808+000	.99792+000
4	.99995+000	.99994+000	.99994+000	.99993+000	.99992+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.57451+000	.59003+000	.60579+000	.62160+000	.63805+000

#1201

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   3   U3 =   0

THETA=	.80000+001	.82000+001	.84000+001	.86000+001	.88000+001
-I-			SUM-P(I)		
0	.25463+000	.24827+000	.24213+000	.23621+000	.23048+000
1	.76388+000	.75722+000	.75062+000	.74406+000	.73755+000
2	.96758+000	.96590+000	.96418+000	.96243+000	.96066+000
3	.99776+000	.99758+000	.99740+000	.99721+000	.99701+000
4	.99991+000	.99990+000	.99989+000	.99988+000	.99987+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.65456+000	.67131+000	.68832+000	.70559+000	.72312+000

THETA=	.90000+001	.92000+001	.94000+001	.96000+001	.98000+001
-I-			SUM-P(I)		
0	.22495+000	.21960+000	.21442+000	.20941+000	.20457+000
1	.73109+000	.72468+000	.71832+000	.71201+000	.70575+000
2	.95885+000	.95701+000	.95515+000	.95325+000	.95133+000
3	.99681+000	.99659+000	.99637+000	.99614+000	.99590+000
4	.99986+000	.99985+000	.99983+000	.99982+000	.99980+000
5	1.00000	1.00000	1.00000	.99999+000	.99999+000
6				1.00000	1.00000
H =	.74091+000	.75896+000	.77728+000	.79587+000	.81473+000

THETA=	.10000+002	.10200+002	.10400+002	.10600+002	.10800+002
-I-			SUM-P(I)		
0	.19987+000	.19532+000	.19092+000	.18665+000	.18251+000
1	.69955+000	.69340+000	.68730+000	.68126+000	.67527+000
2	.94939+000	.94742+000	.94542+000	.94341+000	.94136+000
3	.99566+000	.99540+000	.99514+000	.99486+000	.99458+000
4	.99979+000	.99977+000	.99975+000	.99973+000	.99971+000
5	.99999+000	.99999+000	.99999+000	.99999+000	.99999+000
6	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.83387+000	.85328+000	.87298+000	.89295+000	.91321+000

THETA=	.11000+002	.11200+002	.11400+002	.11600+002	.11800+002
-I-			SUM-P(I)		
0	.17849+000	.17459+000	.17081+000	.16714+000	.16358+000
1	.66933+000	.66345+000	.65762+000	.65185+000	.64613+000
2	.93930+000	.93721+000	.93511+000	.93298+000	.93083+000
3	.99429+000	.99399+000	.99369+000	.99337+000	.99304+000
4	.99969+000	.99967+000	.99965+000	.99962+000	.99960+000
5	.99999+000	.99999+000	.99999+000	.99999+000	.99999+000
6	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.93376+000	.95460+000	.97574+000	.99717+000	.10189+001

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3   U3 = C

THETA=	.12000+002	.12200+002	.12400+002	.12600+002	.12800+002
-I-			SUM-P(I)		
0	.16011+000	.15675+000	.15348+000	.15031+000	.14722+000
1	.64046+000	.63484+000	.62928+000	.62377+000	.61832+000
2	.92866+000	.92648+000	.92428+000	.92206+000	.91982+000
3	.99271+000	.99237+000	.99202+000	.99166+000	.99129+000
4	.99957+000	.99955+000	.99952+000	.99949+000	.99946+000
5	.99998+000	.99998+000	.99998+000	.99998+000	.99998+000
6	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.10409+001	.10633+001	.10859+001	.11088+001	.11321+001

THETA=	.13000+002	.13200+002	.13400+002	.13600+002	.13800+002
-I-			SUM-P(I)		
0	.14422+000	.14129+000	.13845+000	.13569+000	.13299+000
1	.61291+000	.60756+000	.60226+000	.59701+000	.59182+000
2	.91757+000	.91530+000	.91302+000	.91072+000	.90841+000
3	.99091+000	.99052+000	.99013+000	.98973+000	.98931+000
4	.99942+000	.99939+000	.99936+000	.99932+000	.99928+000
5	.99998+000	.99998+000	.99997+000	.99997+000	.99997+000
6	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.11557+001	.11796+001	.12038+001	.12283+001	.12532+001

THETA=	.14000+002	.14200+002	.14400+002	.14600+002	.14800+002
-I-			SUM-P(I)		
0	.13037+000	.12782+000	.12533+000	.12291+000	.12055+000
1	.58667+000	.58158+000	.57653+000	.57153+000	.56659+000
2	.90608+000	.90374+000	.90139+000	.89903+000	.89666+000
3	.98889+000	.98846+000	.98802+000	.98758+000	.98712+000
4	.99924+000	.99920+000	.99916+000	.99912+000	.99907+000
5	.99997+000	.99997+000	.99996+000	.99996+000	.99996+000
6	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.12784+001	.13039+001	.13298+001	.13560+001	.13825+001

THETA=	.15000+002	.15500+002	.16000+002	.16500+002	.17000+002
-I-			SUM-P(I)		
0	.11825+000	.11275+000	.10758+000	.10273+000	.98156-001
1	.56163+000	.54956+000	.53792+000	.52648+000	.51532+000
2	.89427+000	.88826+000	.88220+000	.87608+000	.86991+000
3	.98665+000	.98546+000	.98420+000	.98290+000	.98154+000
4	.99903+000	.99891+000	.99877+000	.99863+000	.99848+000
5	.99996+000	.99995+000	.99994+000	.99993+000	.99992+000
6	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.14094+001	.14782+001	.15492+001	.16224+001	.16980+001

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3   U3 = 0

THETA=	.17500+002	.18000+002	.18500+002	.19000+002	.19500+002
-I-	---------	---------	---SUM-P(I)---	---------	---------
0	.93848-001	.89786-001	.85951-001	.82327-001	.78900-001
1	.50444+000	.49382+000	.48347+000	.47338+000	.46354+000
2	.86370+000	.85745+000	.85118+000	.84488+000	.83856+000
3	.98013+000	.97867+000	.97715+000	.97559+000	.97398+000
4	.99832+000	.99815+000	.99796+000	.99776+000	.99756+000
5	.99991+000	.99990+000	.99989+000	.99987+000	.99986+000
6	1.00000	1.00000	1.00000	1.00000	.99999+000
7					1.00000
H =	.17759+001	.18563+001	.19391+001	.20245+001	.21124+001

THETA=	.20000+002	.21000+002	.22000+002	.23000+002	.24000+002
-I-	---------	---------	---SUM-P(I)---	---------	---------
0	.75656-001	.69671-001	.64284-001	.59422-001	.55022-001
1	.45394+000	.43544+000	.41784+000	.40110+000	.38516+000
2	.83222+000	.81950+000	.80676+000	.79403+000	.78132+000
3	.97232+000	.96886+000	.96521+000	.96139+000	.95739+000
4	.99734+000	.99686+000	.99633+000	.99575+000	.99512+000
5	.99984+000	.99980+000	.99976+000	.99971+000	.99965+000
6	.99999+000	.99999+000	.99999+000	.99999+000	.99998+000
7	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.22030+001	.23922+001	.25927+001	.28048+001	.30291+001

THETA=	.25000+002	.30000+002	.35000+002	.40000+002	.45000+002
-I-	---------	---------	---SUM-P(I)---	---------	---------
0	.51031-001	.35778-001	.25843-001	.19118-001	.14424-001
1	.36998+000	.30411+000	.25197+000	.21030+000	.17669+000
2	.76866+000	.70662+000	.64770+000	.59267+000	.54180+000
3	.95323+000	.93023+000	.90419+000	.87590+000	.84605+000
4	.99443+000	.99013+000	.98434+000	.97706+000	.96830+000
5	.99958+000	.99911+000	.99837+000	.99729+000	.99581+000
6	.99998+000	.99995+000	.99989+000	.99978+000	.99963+000
7	1.00000	1.00000	.99999+000	.99999+000	.99998+000
8			1.00000	1.00000	1.00000
H =	.32660+001	.46583+001	.64491+001	.87177+001	.11555+002

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   3   U3 =   0

THETA=	.50000+002	.55000+002	.60000+002	.65000+002	.70000+002
-I-			--SUM-P(I)--		
0	.11064-001	.86074-002	.67793-002	.53974-002	.43387-002
1	.14936+000	.12696+000	.10847+000	.93106-001	.80265-001
2	.49510+000	.45243+000	.41354+000	.37816+000	.34601+000
3	.81524+000	.78392+000	.75250+000	.72128+000	.69049+000
4	.95815+000	.94671+000	.93409+000	.92041+000	.90579+000
5	.99388+000	.99148+000	.98856+000	.98512+000	.98114+000
6	.99940+000	.99908+000	.99865+000	.99811+000	.99743+000
7	.99996+000	.99993+000	.99989+000	.99983+000	.99975+000
8	1.00000	1.00000	.99999+000	.99999+000	.99998+000
9			1.00000	1.00000	1.00000
H =	.15064+002	.19363+002	.24585+002	.30879+002	.38414+002

THETA=	.75000+002	.80000+002	.85000+002	.90000+002	.95000+002
-I-			--SUM-P(I)--		
0	.35176-002	.28741-002	.23649-002	.19584-002	.16313-002
1	.69473-001	.60357-001	.52619-001	.46022-001	.40375-001
2	.31681+000	.29029+000	.26620+000	.24431+000	.22441+000
3	.66033+000	.63092+000	.60239+000	.57479+000	.54817+000
4	.89036+000	.87424+000	.85753+000	.84035+000	.82279+000
5	.97662+000	.97156+000	.96597+000	.95985+000	.95323+000
6	.99659+000	.99559+000	.99441+000	.99305+000	.99148+000
7	.99965+000	.99952+000	.99935+000	.99914+000	.99889+000
8	.99997+000	.99996+000	.99994+000	.99992+000	.99989+000
9	1.00000	1.00000	1.00000	.99999+000	.99999+000
10				1.00000	1.00000
H =	.47380+002	.57989+002	.70476+002	.85104+002	.10217+003

THETA=	.10000+003				
-I-			--SUM-P(I)--		
0	.13662-002				
1	.35522-001				
2	.20830+000				
3	.52256+000				
4	.80494+000				
5	.94613+000				
6	.98970+000				
7	.99860+000				
8	.99986+000				
9	.99999+000				
10	1.00000				
H =	.12199+003				

#1201

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$$U2 = 3 \qquad U3 = 1$$

THETA=	.00000+000	.10000-001	.20000-001	.30000-001	.40000-001
-I-			SUM-P(I)		
0	1.00000	.99875+000	.99750+000	.99626+000	.99502+000
1		1.00000	1.00000	1.00000	.99999+000
2					1.00000
H =	.16667+000	.16688+000	.16708+000	.16729+000	.16750+000

THETA=	.50000-001	.60000-001	.70000-001	.80000-001	.90000-001
-I-			SUM-P(I)		
0	.99378+000	.99254+000	.99131+000	.99007+000	.98884+000
1	.99999+000	.99999+000	.99998+000	.99997+000	.99997+000
2	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.16771+000	.16792+000	.16813+000	.16834+000	.16855+000

THETA=	.10000+000	.11000+000	.12000+000	.13000+000	.14000+000
-I-			SUM-P(I)		
0	.98761+000	.98639+000	.98516+000	.98394+000	.98272+000
1	.99996+000	.99995+000	.99994+000	.99993+000	.99992+000
2	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.16876+000	.16897+000	.16918+000	.16939+000	.16960+000

THETA=	.15000+000	.16000+000	.17000+000	.18000+000	.19000+000
-I-			SUM-P(I)		
0	.98150+000	.98029+000	.97908+000	.97787+000	.97666+000
1	.99991+000	.99990+000	.99988+000	.99987+000	.99985+000
2	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.16981+000	.17002+000	.17023+000	.17044+000	.17065+000

THETA=	.20000+000	.21000+000	.22000+000	.23000+000	.24000+000
-I-			SUM-P(I)		
0	.97545+000	.97425+000	.97304+000	.97184+000	.97065+000
1	.99984+000	.99982+000	.99980+000	.99979+000	.99977+000
2	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.17086+000	.17107+000	.17128+000	.17150+000	.17171+000

THETA=	.25000+000	.26000+000	.27000+000	.28000+000	.29000+000
-I-			SUM-P(I)		
0	.96945+000	.96826+000	.96707+000	.96588+000	.96469+000
1	.99975+000	.99973+000	.99971+000	.99968+000	.99966+000
2	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.17192+000	.17213+000	.17234+000	.17255+000	.17277+000

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   3   U3 =   1

THETA=	.30000+000	.31000+000	.32000+000	.33000+000	.34000+000
-I-	------------	------------	--SUM-P(I)--	------------	------------
0	.96351+000	.96232+000	.96114+000	.95996+000	.95879+000
1	.99964+000	.99961+000	.99959+000	.99956+000	.93954+000
2	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.17298+000	.17319+000	.17340+000	.17362+000	.17383+000

THETA=	.35000+000	.36000+000	.37000+000	.38000+000	.39000+000
-I-	------------	------------	--SUM-P(I)--	------------	------------
0	.95761+000	.95644+000	.95527+000	.95410+000	.95294+000
1	.99951+000	.99948+000	.99945+000	.99942+000	.99939+000
2	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.17404+000	.17426+000	.17447+000	.17468+000	.17490+000

THETA=	.40000+000	.41000+000	.42000+000	.43000+000	.44000+000
-I-	------------	------------	--SUM-P(I)--	------------	------------
0	.95177+000	.95061+000	.94945+000	.94829+000	.94714+000
1	.99936+000	.99933+000	.99930+000	.99927+000	.99923+000
2	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.17511+000	.17533+000	.17554+000	.17575+000	.17597+000

THETA=	.45000+000	.46000+000	.47000+000	.48000+000	.49000+000
-I-	------------	------------	--SUM-P(I)--	------------	------------
0	.94599+000	.94483+000	.94368+000	.94254+000	.94139+000
1	.99920+000	.99916+000	.99913+000	.99909+000	.99905+000
2	.99999+000	.99999+000	.99999+000	.99999+000	.99999+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.17618+000	.17640+000	.17661+000	.17683+000	.17704+000

THETA=	.50000+000	.60000+000	.70000+000	.80000+000	.90000+000
-I-	------------	------------	--SUM-P(I)--	------------	------------
0	.94025+000	.92893+000	.91780+000	.90687+000	.89612+000
1	.99901+000	.99859+000	.99811+000	.99755+000	.99694+000
2	.99999+000	.99999+000	.99998+000	.99997+000	.99996+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.17726+000	.17942+000	.18159+000	.18378+000	.18599+000

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3   U3 = 1

THETA=	.10000+001	.11000+001	.12000+001	.13000+001	.14000+001
-I-			SUM-P(I)		
0	.88556+000	.87518+000	.86498+000	.85494+000	.84507+000
1	.99626+000	.99552+000	.99472+000	.99387+000	.99296+000
2	.99995+000	.99993+000	.99991+000	.99989+000	.99986+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.18820+000	.19044+000	.19268+000	.19494+000	.19722+000

THETA=	.15000+001	.16000+001	.17000+001	.18000+001	.19000+001
-I-			SUM-P(I)		
0	.83537+000	.82583+000	.81644+000	.80721+000	.79812+000
1	.99200+000	.99099+000	.98993+000	.98883+000	.98767+000
2	.99984+000	.99980+000	.99977+000	.99972+000	.99968+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.19951+000	.20182+000	.20414+000	.20647+000	.20882+000

THETA=	.20000+001	.21000+001	.22000+001	.23000+001	.24000+001
-I-			SUM-P(I)		
0	.78918+000	.78038+000	.77173+000	.76321+000	.75482+000
1	.98648+000	.98524+000	.98395+000	.98263+000	.98127+000
2	.99963+000	.99958+000	.99952+000	.99945+000	.99939+000
3	.99999+000	.99999+000	.99999+000	.99999+000	.99999+000
4	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.21119+000	.21357+000	.21597+000	.21838+000	.22080+000

THETA=	.25000+001	.26000+001	.27000+001	.28000+001	.29000+001
-I-			SUM-P(I)		
0	.74657+000	.73844+000	.73044+000	.72256+000	.71481+000
1	.97987+000	.97844+000	.97696+000	.97546+000	.97392+000
2	.99931+000	.99923+000	.99915+000	.99906+000	.99897+000
3	.99999+000	.99999+000	.99998+000	.99998+000	.99998+000
4	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.22324+000	.22570+000	.22817+000	.23066+000	.23316+000

THETA=	.30000+001	.31000+001	.32000+001	.33000+001	.34000+001
-I-			SUM-P(I)		
0	.70717+000	.69964+000	.69223+000	.68493+000	.67774+000
1	.97235+000	.97075+000	.96912+000	.96746+000	.96578+000
2	.99887+000	.99877+000	.99866+000	.99854+000	.99842+000
3	.99998+000	.99997+000	.99997+000	.99997+000	.99996+000
4	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.23568+000	.23822+000	.24077+000	.24333+000	.24592+000

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   3   U3 =   1

THETA=	.35000+001	.36000+001	.37000+001	.38000+001	.39000+001
-I-	----	----	--SUM-P(I)--	----	----
0	.67065+000	.66367+000	.65679+000	.65001+000	.64333+000
1	.96406+000	.96232+000	.96056+000	.95877+000	.95696+000
2	.99829+000	.99816+000	.99802+000	.99788+000	.99773+000
3	.99996+000	.99995+000	.99995+000	.99994+000	.99994+000
4	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.24851+000	.25113+000	.25376+000	.25640+000	.25907+000

THETA=	.40000+001	.41000+001	.42000+001	.43000+001	.44000+001
-I-	----	----	--SUM-P(I)--	----	----
0	.63675+000	.63026+000	.62386+000	.61756+000	.61134+000
1	.95512+000	.95327+000	.95139+000	.94949+000	.94758+000
2	.99757+000	.99741+000	.99724+000	.99707+000	.99689+000
3	.99993+000	.99993+000	.99992+000	.99991+000	.99990+000
4	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.26175+000	.26444+000	.26715+000	.26988+000	.27263+000

THETA=	.45000+001	.46000+001	.47000+001	.48000+001	.49000+001
-I-	----	----	--SUM-P(I)--	----	----
0	.60521+000	.59917+000	.59321+000	.58733+000	.58153+000
1	.94564+000	.94369+000	.94171+000	.93973+000	.93772+000
2	.99670+000	.99651+000	.99631+000	.99611+000	.99590+000
3	.99990+000	.99989+000	.99988+000	.99987+000	.99986+000
4	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.27539+000	.27816+000	.28096+000	.28377+000	.28660+000

THETA=	.50000+001	.52000+001	.54000+001	.56000+001	.58000+001
-I-	----	----	--SUM-P(I)--	----	----
0	.57582+000	.56462+000	.55372+000	.54311+000	.53278+000
1	.93570+000	.93162+000	.92748+000	.92329+000	.91905+000
2	.99568+000	.99523+000	.99476+000	.99425+000	.99373+000
3	.99985+000	.99983+000	.99980+000	.99977+000	.99974+000
4	1.00000	1.00000	1.00000	.99999+000	.99999+000
5				1.00000	1.00000
H =	.28944+000	.29519+000	.30100+000	.30687+000	.31282+000

#1201

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3   U3 = 1

THETA=	.60000+001	.62000+001	.64000+001	.66000+001	.68000+001
-I-			---SUM-P(I)---		
0	.52273+000	.51293+000	.50339+000	.49408+000	.48502+000
1	.91477+000	.91045+000	.90609+000	.90170+000	.89729+000
2	.99318+000	.99260+000	.99200+000	.99138+000	.99073+000
3	.99971+000	.99968+000	.99964+000	.99960+000	.99956+000
4	.99999+000	.99999+000	.99999+000	.99999+000	.99999+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.31884+000	.32493+000	.33109+000	.33732+000	.34363+000

THETA=	.70000+001	.72000+001	.74000+001	.76000+001	.78000+001
-I-			---SUM-P(I)---		
0	.47618+000	.46756+000	.45916+000	.45096+000	.44296+000
1	.89284+000	.88837+000	.88388+000	.87937+000	.87484+000
2	.99006+000	.98937+000	.98865+000	.98790+000	.98713+000
3	.99951+000	.99946+000	.99941+000	.99936+000	.99930+000
4	.99999+000	.99998+000	.99998+000	.99998+000	.99998+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.35001+000	.35646+000	.36298+000	.36958+000	.37626+000

THETA=	.80000+001	.82000+001	.84000+001	.86000+001	.88000+001
-I-			---SUM-P(I)---		
0	.43515+000	.42753+000	.42009+000	.41283+000	.40573+000
1	.87030+000	.86575+000	.86119+000	.85662+000	.85204+000
2	.98634+000	.98553+000	.98470+000	.98384+000	.98296+000
3	.99924+000	.99917+000	.99910+000	.99903+000	.99896+000
4	.99997+000	.99997+000	.99997+000	.99997+000	.99996+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.38301+000	.38983+000	.39674+000	.40372+000	.41078+000

THETA=	.90000+001	.92000+001	.94000+001	.96000+001	.98000+001
-I-			---SUM-P(I)---		
0	.39880+000	.39203+000	.38542+000	.37895+000	.37263+000
1	.84746+000	.84287+000	.83828+000	.83369+000	.82911+000
2	.98205+000	.98113+000	.98018+000	.97921+000	.97822+000
3	.99888+000	.99879+000	.99871+000	.99861+000	.99852+000
4	.99996+000	.99995+000	.99995+000	.99995+000	.99994+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.41792+000	.42513+000	.43243+000	.43981+000	.44727+000

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3   U3 = 1

THETA=	.10000+002	.10200+002	.10400+002	.10600+002	.10800+002
-I-			--SUM-P(I)--		
0	.36646+000	.36041+000	.35451+000	.34873+000	.34308+000
1	.82452+000	.81994+000	.81537+000	.81080+000	.80623+000
2	.97721+000	.97618+000	.97513+000	.97406+000	.97297+000
3	.99842+000	.99832+000	.99821+000	.99810+000	.99798+000
4	.99994+000	.99993+000	.99992+000	.99992+000	.99991+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.45481+000	.46243+000	.47014+000	.47792+000	.48580+000

THETA=	.11000+002	.11200+002	.11400+002	.11600+002	.11800+002
-I-			--SUM-P(I)--		
0	.33755+000	.33214+000	.32684+000	.32166+000	.31659+000
1	.80168+000	.79713+000	.79260+000	.78807+000	.78356+000
2	.97186+000	.97073+000	.96958+000	.96842+000	.96723+000
3	.99786+000	.99774+000	.99761+000	.99747+000	.99733+000
4	.99990+000	.99990+000	.99989+000	.99988+000	.99987+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.49375+000	.50180+000	.50993+000	.51814+000	.52645+000

THETA=	.12000+002	.12200+002	.12400+002	.12600+002	.12800+002
-I-			--SUM-P(I)--		
0	.31162+000	.30676+000	.30200+000	.29733+000	.29276+000
1	.77906+000	.77457+000	.77009+000	.76563+000	.76118+000
2	.96603+000	.96481+000	.96357+000	.96231+000	.96104+000
3	.99719+000	.99704+000	.99689+000	.99673+000	.99657+000
4	.99986+000	.99985+000	.99984+000	.99983+000	.99982+000
5	1.00000	1.00000	.99999+000	.99999+000	.99999+000
6			1.00000	1.00000	1.00000
H =	.53484+000	.54331+000	.55188+000	.56054+000	.56929+000

THETA=	.13000+002	.13200+002	.13400+002	.13600+002	.13800+002
-I-			--SUM-P(I)--		
0	.28829+000	.28390+000	.27960+000	.27539+000	.27126+000
1	.75675+000	.75234+000	.74794+000	.74355+000	.73919+000
2	.95975+000	.95845+000	.95713+000	.95579+000	.95444+000
3	.99641+000	.99623+000	.99606+000	.99588+000	.99569+000
4	.99981+000	.99980+000	.99978+000	.99977+000	.99976+000
5	.99999+000	.99999+000	.99999+000	.99999+000	.99999+000
6	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.57813+000	.58706+000	.59608+000	.60520+000	.61441+000

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3   U3 = 1

THETA=	.14000+002	.14200+002	.14400+002	.14600+002	.14800+002
-I-			SUM-P(I)		
0	.26722+000	.26325+000	.25936+000	.25554+000	.25180+000
1	.73484+000	.73051+000	.72620+000	.72191+000	.71764+000
2	.95307+000	.95168+000	.95029+000	.94887+000	.94745+000
3	.99550+000	.99530+000	.99510+000	.99490+000	.99469+000
4	.99974+000	.99973+000	.99971+000	.99970+000	.99968+000
5	.99999+000	.99999+000	.99999+000	.99999+000	.99999+000
6	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.62372+000	.63312+000	.64261+000	.65221+000	.66190+000

THETA=	.15000+002	.15500+002	.16000+002	.16500+002	.17000+002
-I-			SUM-P(I)		
0	.24813+000	.23926+000	.23080+000	.22273+000	.21503+000
1	.71338+000	.70283+000	.69241+000	.68212+000	.67196+000
2	.94601+000	.94235+000	.93860+000	.93478+000	.93089+000
3	.99447+000	.99391+000	.99331+000	.99269+000	.99203+000
4	.99966+000	.99962+000	.99957+000	.99951+000	.99945+000
5	.99999+000	.99998+000	.99998+000	.99998+000	.99998+000
6	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.67168+000	.69658+000	.72211+000	.74828+000	.77509+000

THETA=	.17500+002	.18000+002	.18500+002	.19000+002	.19500+002
-I-			SUM-P(I)		
0	.20767+000	.20063+000	.19390+000	.18746+000	.18130+000
1	.66194+000	.65205+000	.64229+000	.63268+000	.62320+000
2	.92693+000	.92290+000	.91880+000	.91465+000	.91044+000
3	.99133+000	.99061+000	.98985+000	.98906+000	.98824+000
4	.99938+000	.99931+000	.99924+000	.59916+000	.99907+000
5	.99997+000	.99997+000	.99996+000	.99996+000	.99995+000
6	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.80257+000	.83072+000	.85955+000	.88908+000	.91931+000

THETA=	.20000+002	.21000+002	.22000+002	.23000+002	.24000+002
-I-			SUM-P(I)		
0	.17539+000	.16430+000	.15410+000	.14470+000	.13602+000
1	.61386+000	.59560+000	.57789+000	.56072+000	.54409+000
2	.90618+000	.89751+000	.88867+000	.87967+000	.87054+000
3	.98738+000	.98557+000	.98363+000	.98156+000	.97936+000
4	.99898+000	.99878+000	.99855+000	.99829+000	.99801+000
5	.99995+000	.99993+000	.99992+000	.99990+000	.99988+000
6	1.00000	1.00000	1.00000	1.00000	.99999+000
7					1.00000
H =	.95026+000	.10144+001	.10815+001	.11518+001	.12253+001

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3   U3 = 1

THETA=	.25000+002	.30000+002	.35000+002	.40000+002	.45000+002
-I-	--------------------SUM-P(I)--------------------				
0	.12799+000	.95761-001	.73099-001	.56738-001	.44663-001
1	.52798+000	.45486+000	.39291+000	.34043+000	.29589+000
2	.86130+000	.81397+000	.76602+000	.71868+000	.67274+000
3	.97703+000	.96359+000	.94739+000	.92882+000	.90827+000
4	.99770+000	.99566+000	.99274+000	.98885+000	.98397+000
5	.99985+000	.99966+000	.99935+000	.99886+000	.99817+000
6	.99999+000	.99998+000	.99996+000	.99992+000	.99986+000
7	1.00000	1.00000	1.00000	1.00000	.99999+000
8					1.00000
H =	.13021+001	.17404+001	.22800+001	.29375+001	.37316+001

THETA=	.50000+002	.55000+002	.60000+002	.65000+002	.70000+002
-I-	--------------------SUM-P(I)--------------------				
0	.35587-001	.28657-001	.23292-001	.19089-001	.15762-001
1	.25801+000	.22567+000	.19798+000	.17419+000	.15368+000
2	.62870+000	.58686+000	.54736+000	.51024+000	.47548+000
3	.88613+000	.86277+000	.83850+000	.81361+000	.78834+000
4	.97807+000	.97116+000	.96328+000	.95446+000	.94477+000
5	.99723+000	.99600+000	.99448+000	.99261+000	.99039+000
6	.99976+000	.99962+000	.99943+000	.99917+000	.99884+000
7	.99999+000	.99997+000	.99996+000	.99993+000	.99990+000
8	1.00000	1.00000	1.00000	1.00000	.99999+000
9					1.00000
H =	.46834+001	.58160+001	.71556+001	.87310+001	.10574+002

THETA=	.75000+002	.80000+002	.85000+002	.90000+002	.95000+002
-I-	--------------------SUM-P(I)--------------------				
0	.13102-001	.10958-001	.92167-002	.77920-002	.66189-002
1	.13593+000	.12054+000	.10714+000	.95452-001	.85218-001
2	.44302+000	.41276+000	.38461+000	.35843+000	.33411+000
3	.76289+000	.73745+000	.71217+000	.68716+000	.66252+000
4	.93426+000	.92299+000	.91104+000	.89848+000	.88537+000
5	.98781+000	.98484+000	.98148+000	.97772+000	.97358+000
6	.99843+000	.99793+000	.99732+000	.99659+000	.99575+000
7	.99986+000	.99980+000	.99972+000	.99962+000	.99951+000
8	.99999+000	.99999+000	.99998+000	.99997+000	.99996+000
9	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.12721+002	.15209+002	.18083+002	.21390+002	.25181+002

#1201

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   3   U3 =   1

THETA= .10000+003

-I-	----------------------SUM-P(I)----------------------
0	.56472-002
1	.76237-001
2	.31154+000
3	.63834+000
4	.87177+000
5	.96904+000
6	.99477+000
7	.99936+000
8	.99994+000
9	1.00000
H = .29513+002

U2 =   3   U3 =   2

THETA=	.00000+000	.10000-001	.20000-001	.30000-001	.40000-001
-I-	------------------------SUM-P(I)------------------------
0	1.00000	.99917+000	.99834+000	.99750+000	.99667+000
1		1.00000	1.00000	1.00000	1.00000
H =	.83333-001	.83403-001	.83472-001	.83542-001	.83611-001

THETA=	.50000-001	.60000-001	.70000-001	.80000-001	.90000-001
-I-	------------------------SUM-P(I)------------------------
0	.99585+000	.99502+000	.99419+000	.99336+000	.99254+000
1	.99999+000	.99999+000	.99999+000	.99999+000	.99998+000
2	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.83681-001	.83751-001	.83820-001	.83890-001	.83960-001

THETA=	.10000+000	.11000+000	.12000+000	.13000+000	.14000+000
-I-	------------------------SUM-P(I)------------------------
0	.99172+000	.99089+000	.99007+000	.98925+000	.98843+000
1	.99998+000	.99997+000	.99997+000	.99997+000	.99996+000
2	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.84030-001	.84099-001	.84169-001	.84239-001	.84309-001

THETA=	.15000+000	.16000+000	.17000+000	.18000+000	.19000+000
-I-	------------------------SUM-P(I)------------------------
0	.98761+000	.98679+000	.98597+000	.98516+000	.98434+000
1	.99995+000	.99995+000	.99994+000	.99993+000	.99993+000
2	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.84379-001	.84449-001	.84519-001	.84589-001	.84659-001

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$$U2 = 3 \qquad U3 = 2$$

THETA=	.20000+000	.21000+000	.22000+000	.23000+000	.24000+000
-I-	---	---	SUM-P(I)	---	---
0	.98353+000	.98271+000	.98190+000	.98109+000	.98028+000
1	.99992+000	.99991+000	.99990+000	.99989+000	.99988+000
2	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.84729-001	.84799-001	.84870-001	.84940-001	.85010-001

THETA=	.25000+000	.26000+000	.27000+000	.28000+000	.29000+000
-I-	---	---	SUM-P(I)	---	---
0	.97947+000	.97366+000	.97785+000	.97704+000	.97624+000
1	.99987+000	.99986+000	.99985+000	.99984+000	.99983+000
2	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.85080-001	.85151-001	.85221-001	.85291-001	.85362-001

THETA=	.30000+000	.31000+000	.32000+000	.33000+000	.34000+000
-I-	---	---	SUM-P(I)	---	---
0	.97543+000	.97463+000	.97382+000	.97302+000	.97222+000
1	.99982+000	.99980+000	.99979+000	.99978+000	.99976+000
2	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.85432-001	.85503-001	.85573-001	.85644-001	.85715-001

THETA=	.35000+000	.36000+000	.37000+000	.38000+000	.39000+000
-I-	---	---	SUM-P(I)	---	---
0	.97142+000	.97062+000	.96982+000	.96902+000	.96822+000
1	.99975+000	.99974+000	.99972+000	.99971+000	.99969+000
2	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.85785-001	.65856-001	.85927-001	.85997-001	.86068-001

THETA=	.40000+000	.41000+000	.42000+000	.43000+000	.44000+000
-I-	---	---	SUM-P(I)	---	---
0	.96743+000	.96663+000	.96584+000	.96505+000	.96425+000
1	.99968+000	.99966+000	.99964+000	.99963+000	.99961+000
2	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.86139-001	.86210-001	.86281-001	.86352-001	.86423-001

THETA=	.45000+000	.46000+000	.47000+000	.48000+000	.49000+000
-I-	---	---	SUM-P(I)	---	---
0	.96346+000	.96267+000	.96188+000	.96109+000	.96030+000
1	.99959+000	.99957+000	.99956+000	.99954+000	.99952+000
2	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.86494-001	.86565-001	.86636-001	.86707-001	.86778-001

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   3   U3 =   2

THETA=	.50000+000	.60000+000	.70000+000	.80000+000	.90000+000
-I-			—SUM-P(I)—		
0	.95952+000	.95170+000	.94396+000	.93632+000	.92876+000
1	.99950+000	.99928+000	.99903+000	.99874+000	.99842+000
2	1.00000	1.00000	.99999+000	.99999+000	.99998+000
3			1.00000	1.00000	1.00000
H =	.86849-001	.87563-001	.88280-001	.89001-001	.89725-001

THETA=	.10000+001	.11000+001	.12000+001	.13000+001	.14000+001
-I-			—SUM-P(I)—		
0	.92129+000	.91389+000	.90659+000	.89936+000	.89221+000
1	.99806+000	.99767+000	.99724+000	.99679+000	.99630+000
2	.99998+000	.99997+000	.99996+000	.99995+000	.99994+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.90453-001	.91185-001	.91920-001	.92659-001	.93401-001

THETA=	.15000+001	.16000+001	.17000+001	.18000+001	.19000+001
-I-			—SUM-P(I)—		
0	.88514+000	.87815+000	.87123+000	.86439+000	.85762+000
1	.99578+000	.99523+000	.99465+000	.99405+000	.99341+000
2	.99993+000	.99992+000	.99990+000	.99988+000	.99986+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.94147-001	.94897-001	.95650-001	.96407-001	.97168-001

THETA=	.20000+001	.21000+001	.22000+001	.23000+001	.24000+001
-I-			—SUM-P(I)—		
0	.85093+000	.84431+000	.83776+000	.83127+000	.82486+000
1	.99275+000	.99206+000	.99134+000	.99060+000	.98983+000
2	.99984+000	.99982+000	.99979+000	.99976+000	.99973+000
3	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.97932-001	.98700-001	.99472-001	.10025+000	.10103+000

THETA=	.25000+001	.26000+001	.27000+001	.28000+001	.29000+001
-I-			—SUM-P(I)—		
0	.81852+000	.81224+000	.80603+000	.79988+000	.79380+000
1	.98904+000	.98823+000	.98739+000	.98652+000	.98564+000
2	.99970+000	.99966+000	.99963+000	.99959+000	.99954+000
3	1.00000	.99999+000	.99999+000	.99999+000	.99999+000
4		1.00000	1.00000	1.00000	1.00000
H =	.10181+000	.10260+000	.10339+000	.10418+000	.10498+000

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U2 = 3 \qquad U3 = 2$

THETA=	.30000+001	.31000+001	.32000+001	.33000+001	.34000+001
-I-			SUM-P(I)		
0	.78778+000	.78183+000	.77593+000	.77010+000	.76432+000
1	.98473+000	.98380+000	.98285+000	.98188+000	.98088+000
2	.99950+000	.99945+000	.99940+000	.99935+000	.99929+000
3	.99999+000	.99999+000	.99999+000	.99999+000	.99999+000
4	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.10578+000	.10659+000	.10740+000	.10821+000	.10903+000

THETA=	.35000+001	.36000+001	.37000+001	.38000+001	.39000+001
-I-			SUM-P(I)		
0	.75861+000	.75295+000	.74735+000	.74181+000	.73633+000
1	.97987+000	.97884+000	.97779+000	.97672+000	.97563+000
2	.99923+000	.99917+000	.99910+000	.99904+000	.99897+000
3	.99998+000	.99998+000	.99998+000	.99998+000	.99998+000
4	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.10985+000	.11068+000	.11150+000	.11234+000	.11317+000

THETA=	.40000+001	.41000+001	.42000+001	.43000+001	.44000+001
-I-			SUM-P(I)		
0	.73090+000	.72552+000	.72020+000	.71493+000	.70971+000
1	.97453+000	.97341+000	.97227+000	.97111+000	.96994+000
2	.99889+000	.99881+000	.99873+000	.99865+000	.99856+000
3	.99997+000	.99997+000	.99997+000	.99997+000	.99996+000
4	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.11402+000	.11486+000	.11571+000	.11656+000	.11742+000

THETA=	.45000+001	.46000+001	.47000+001	.48000+001	.49000+001
-I-			SUM-P(I)		
0	.70455+000	.69943+000	.69437+000	.68935+000	.68439+000
1	.96875+000	.96755+000	.96633+000	.96509+000	.96385+000
2	.99847+000	.99838+000	.99828+000	.99818+000	.99808+000
3	.99996+000	.99996+000	.99995+000	.99995+000	.99994+000
4	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.11828+000	.11914+000	.12001+000	.12089+000	.12176+000

THETA=	.50000+001	.52000+001	.54000+001	.56000+001	.58000+001
-I-			SUM-P(I)		
0	.67947+000	.66978+000	.66028+000	.65096+000	.64181+000
1	.96259+000	.96002+000	.95740+000	.95473+000	.95202+000
2	.99797+000	.99775+000	.99751+000	.99726+000	.99700+000
3	.99994+000	.99993+000	.99992+000	.99991+000	.99990+000
4	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.12264+000	.12442+000	.12621+000	.12802+000	.12984+000

#1201

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   3   U3 =   2

THETA=	.60000+001	.62000+001	.64000+001	.66000+001	.68000+001
-I-			--SUM-P(I)--		
0	.63284+000	.62403+000	.61540+000	.60692+000	.59859+000
1	.94926+000	.94645+000	.94361+000	.94072+000	.93780+000
2	.99672+000	.99643+000	.99612+000	.99580+000	.99546+000
3	.99988+000	.99987+000	.99985+000	.99984+000	.99982+000
4	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.13168+000	.13354+000	.13541+000	.13731+000	.13922+000

THETA=	.70000+001	.72000+001	.74000+001	.76000+001	.78000+001
-I-			--SUM-P(I)--		
0	.59042+000	.58240+000	.57453+000	.56680+000	.55920+000
1	.93484+000	.93185+000	.92882+000	.92577+000	.92268+000
2	.99511+000	.99475+000	.99437+000	.99397+000	.99356+000
3	.99980+000	.99978+000	.99976+000	.99973+000	.99971+000
4	1.00000	.99999+000	.99999+000	.99999+000	.99999+000
5		1.00000	1.00000	1.00000	1.00000
H =	.14114+000	.14308+000	.14505+000	.14703+000	.14902+000

THETA=	.80000+001	.82000+001	.84000+001	.86000+001	.88000+001
-I-			--SUM-P(I)--		
0	.55174+000	.54442+000	.53722+000	.53015+000	.52321+000
1	.91957+000	.91644+000	.91328+000	.91009+000	.90689+000
2	.99314+000	.99270+000	.99225+000	.99178+000	.99130+000
3	.99968+000	.99965+000	.99962+000	.99959+000	.99955+000
4	.99999+000	.99999+000	.99999+000	.99999+000	.99999+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.15104+000	.15307+000	.15512+000	.15719+000	.15927+000

THETA=	.90000+001	.92000+001	.94000+001	.96000+001	.98000+001
-I-			--SUM-P(I)--		
0	.51638+000	.50967+000	.50308+000	.49660+000	.49023+000
1	.90366+000	.90042+000	.89716+000	.89388+000	.89059+000
2	.99080+000	.99029+000	.98977+000	.98923+000	.98867+000
3	.99952+000	.99948+000	.99944+000	.99940+000	.99935+000
4	.99998+000	.99998+000	.99998+000	.99998+000	.99998+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.16138+000	.16350+000	.16565+000	.16781+000	.16999+000

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   3   U3 =   2

THETA=	.10000+002	.10200+002	.10400+002	.10600+002	.10800+002
-I-			--SUM-P(I)--		
0	.48397+000	.47781+000	.47176+000	.46581+000	.45996+000
1	.88728+000	.88396+000	.88062+000	.87728+000	.87392+000
2	.98811+000	.98752+000	.98693+000	.98632+000	.98569+000
3	.99931+000	.99926+000	.99921+000	.99916+000	.99910+000
4	.99998+000	.99997+000	.99997+000	.99997+000	.99997+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.17219+000	.17441+000	.17664+000	.17890+000	.18118+000

THETA=	.11000+002	.11200+002	.11400+002	.11600+002	.11800+002
-I-			--SUM-P(I)--		
0	.45420+000	.44854+000	.44297+000	.43750+000	.43211+000
1	.87056+000	.86718+000	.86380+000	.86041+000	.85701+000
2	.98505+000	.98440+000	.98373+000	.98305+000	.98236+000
3	.99905+000	.99899+000	.99893+000	.99886+000	.99880+000
4	.99996+000	.99996+000	.99996+000	.99995+000	.99995+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.18347+000	.18579+000	.18812+000	.19048+000	.19285+000

THETA=	.12000+002	.12200+002	.12400+002	.12600+002	.12800+002
-I-			--SUM-P(I)--		
0	.42681+000	.42159+000	.41646+000	.41141+000	.40643+000
1	.85361+000	.85021+000	.84680+000	.84338+000	.83997+000
2	.98165+000	.98093+000	.98020+000	.97945+000	.97870+000
3	.99873+000	.99866+000	.99858+000	.99851+000	.99843+000
4	.99995+000	.99994+000	.99994+000	.99993+000	.99993+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.19525+000	.19766+000	.20010+000	.20256+000	.20503+000

THETA=	.13000+002	.13200+002	.13400+002	.13600+002	.13800+002
-I-			--SUM-P(I)--		
0	.40154+000	.39673+000	.39199+000	.38732+000	.38273+000
1	.83655+000	.83313+000	.82970+000	.82628+000	.82286+000
2	.97792+000	.97714+000	.97634+000	.97553+000	.97471+000
3	.99834+000	.99826+000	.99817+000	.99808+000	.99799+000
4	.99992+000	.99992+000	.99991+000	.99991+000	.99990+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.20753+000	.21005+000	.21259+000	.21515+000	.21774+000

#1201

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   3   U3 =   2

THETA=	.14000+002	.14200+002	.14400+002	.14600+002	.14800+002
-I-			SUM-P(I)		
0	.37820+000	.37375+000	.36936+000	.36504+000	.36079+000
1	.81944+000	.81302+000	.81260+000	.80918+000	.80577+000
2	.97387+000	.97302+000	.97216+000	.97129+000	.97041+000
3	.99789+000	.99780+000	.99770+000	.99759+000	.99748+000
4	.99990+000	.99989+000	.99988+000	.99988+000	.99987+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.27034+000	.22297+000	.22561+000	.22828+000	.23097+000

THETA=	.15000+002	.15500+002	.16000+002	.16500+002	.17000+002
-I-			SUM-P(I)		
0	.35660+000	.34640+000	.33658+000	.32712+000	.31799+000
1	.80236+000	.79384+000	.78536+000	.77690+000	.76849+000
2	.96951+000	.96723+000	.96487+000	.96244+000	.95994+000
3	.99737+000	.99709+000	.99678+000	.99645+000	.99611+000
4	.99986+000	.99984+000	.99982+000	.99980+000	.99977+000
5	1.00000	.99999+000	.99999+000	.99999+000	.99999+000
6		1.00000	1.00000	1.00000	1.00000
H =	.23369+000	.24057+000	.24759+000	.25475+000	.26206+000

THETA=	.17500+002	.18000+002	.18500+002	.19000+002	.19500+002
-I-			SUM-P(I)		
0	.30920+000	.30071+000	.29253+000	.28462+000	.27699+000
1	.76011+000	.75178+000	.74350+000	.73528+000	.72711+000
2	.95739+000	.95476+000	.95208+000	.94934+000	.94654+000
3	.99574+000	.99536+000	.99495+000	.99453+000	.99408+000
4	.99974+000	.99971+000	.99967+000	.99964+000	.99960+000
5	.99999+000	.99999+000	.99999+000	.99998+000	.99998+000
6	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.26951+000	.27712+000	.28488+000	.29278+000	.30085+000

THETA=	.20000+002	.21000+002	.22000+002	.23000+002	.24000+002
-I-			SUM-P(I)		
0	.26962+000	.25562+000	.24254+000	.23029+000	.21883+000
1	.71899+000	.70296+000	.68719+000	.67169+000	.65648+000
2	.94368+000	.93781+000	.93174+000	.92549+000	.91907+000
3	.99361+000	.99261+000	.99152+000	.99035+000	.98909+000
4	.99956+000	.99946+000	.99935+000	.99923+000	.99909+000
5	.99998+000	.99997+000	.99997+000	.99996+000	.99995+000
6	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.30907+000	.32600+000	.34359+000	.36186+000	.38082+000

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   3   U3 =   2

THETA=	.25000+002	.30000+002	.35000+002	.40000+002	.45000+002
-I-			SUM-P(I)		
0	.20807+000	.16328+000	.12994+000	.10464+000	.85149-001
1	.64156+000	.57148+000	.50892+000	.45346+000	.40446+000
2	.91248+000	.87763+000	.84053+000	.80227+000	.76368+000
3	.98774+000	.97968+000	.96949+000	.95729+000	.94329+000
4	.99894+000	.99791+000	.99635+000	.99421+000	.99140+000
5	.99994+000	.99986+000	.99971+000	.99948+000	.99913+000
6	1.00000	.99999+000	.99998+000	.99997+000	.99994+000
7		1.00000	1.00000	1.00000	1.00000
H =	.40050+000	.51037+000	.64134+000	.79635+000	.97868+000

THETA=	.50000+002	.55000+002	.60000+002	.65000+002	.70000+002
-I-			SUM-P(I)		
0	.69917-001	.57872-001	.48246-001	.40483-001	.34168-001
1	.36124+000	.32312+000	.28948+000	.25976+000	.23348+000
2	.72538+000	.68783+000	.65133+000	.61610+000	.58228+000
3	.92769+000	.91071+000	.89256+000	.87345+000	.85357+000
4	.98790+000	.98367+000	.97871+000	.97302+000	.96661+000
5	.99865+000	.99801+000	.99717+000	.99614+000	.99487+000
6	.99990+000	.99983+000	.99974+000	.99961+000	.99945+000
7	.99999+000	.99999+000	.99998+000	.99997+000	.99996+000
8	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.11319+001	.14400+001	.17272+001	.20585+001	.24389+001

THETA=	.75000+002	.80000+002	.85000+002	.90000+002	.95000+002
-I-			SUM-P(I)		
0	.28993-001	.24723-001	.21177-001	.18216-001	.15730-001
1	.21020+000	.18954+000	.17118+000	.15483+000	.14026+000
2	.54996+000	.51918+000	.48994+000	.46223+000	.43601+000
3	.83310+000	.81219+000	.79099+000	.76962+000	.74819+000
4	.95950+000	.95172+000	.94331+000	.93429+000	.92472+000
5	.99336+000	.99159+000	.98955+000	.98722+000	.98461+000
6	.99924+000	.99897+000	.99864+000	.99825+000	.99778+000
7	.99994+000	.99991+000	.99987+000	.99983+000	.99977+000
8	1.00000	.99999+000	.99999+000	.99999+000	.99998+000
9		1.00000	1.00000	1.00000	1.00000
H =	.28742+001	.33707+001	.39351+001	.45748+001	.52979+001

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   3   U3 =   2

THETA= .10000+003
```
-I-    ----------------------SUM-P(I)----------------------------
  0     .13632-001
  1     .12723+000
  2     .41123+000
  3     .72679+000
  4     .91462+000
  5     .98170+000
  6     .99723+000
  7     .99969+000
  8     .99997+000
  9     1.00000
  H  =  .61131+001
```

U2 =   3   U3 =   3

THETA=	.00000+000	.10000-001	.20000-001	.30000-001	.40000-001
-I-	----------------------SUM-P(I)----------------------------				
0	1.00000	.99938+000	.99875+000	.99813+000	.99750+000
1		1.00000	1.00000	1.00000	1.00000
H =	.27778-001	.27795-001	.27613-001	.27830-001	.27847-001

THETA=	.50000-001	.60000-001	.70000-001	.80000-001	.90000-001
-I-	----------------------SUM-P(I)----------------------------				
0	.99688+000	.99626+000	.99564+000	.99502+000	.99440+000
1	1.00000	1.00000	.99999+000	.99999+000	.99999+000
2			1.00000	1.00000	1.00000
H =	.27865-001	.27882-001	.27899-001	.27917-001	.27934-001

THETA=	.10000+000	.11000+000	.12000+000	.13000+000	.14000+000
-I-	----------------------SUM-P(I)----------------------------				
0	.99378+000	.99316+000	.99254+000	.99192+000	.99130+000
1	.99999+000	.99998+000	.99998+000	.99998+000	.99998+000
2	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.27992-001	.27969-001	.27987-001	.28004-001	.28022-001

THETA=	.15000+000	.16000+000	.17000+000	.18000+000	.19000+000
-I-	----------------------SUM-P(I)----------------------------				
0	.99068+000	.99007+000	.98945+000	.98884+000	.98822+000
1	.99997+000	.99997+000	.99996+000	.99996+000	.99996+000
2	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.28039-001	.28056-001	.28074-001	.28091-001	.28109-001

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   3   U3 =   3

THETA= .20000+000   .21000+000   .22000+000   .23000+000   .24000+000
-I-   ---------------------------SUM-P(I)--------------------------
 0   .98761+000   .98699+000   .98638+000   .98576+000   .98515+000
 1   .99995+000   .99995+000   .99994+000   .99993+000   .99993+000
 2   1.00000   1.00000   1.00000   1.00000   1.00000
 H   = .28126-001   .28144-001   .28161-001   .28179-001   .28196-001

THETA= .25000+000   .26000+000   .27000+000   .28000+000   .29000+000
-I-   ---------------------------SUM-P(I)--------------------------
 0   .98454+000   .98393+000   .98332+000   .98271+000   .98210+000
 1   .99992+000   .99992+000   .99991+000   .99990+000   .99990+000
 2   1.00000   1.00000   1.00000   1.00000   1.00000
 H   = .28214-001   .28232-001   .28249-001   .28267-001   .28284-001

THETA= .30000+000   .31000+000   .32000+000   .33000+000   .34000+000
-I-   ---------------------------SUM-P(I)--------------------------
 0   .98149+000   .98088+000   .98027+000   .97966+000   .97905+000
 1   .99989+000   .99988+000   .99987+000   .99987+000   .99986+000
 2   1.00000   1.00000   1.00000   1.00000   1.00000
 H   = .28302-001   .28319-001   .28337-001   .28354-001   .28372-001

THETA= .35000+000   .36000+000   .37000+000   .38000+000   .39000+000
-I-   ---------------------------SUM-P(I)--------------------------
 0   .97845+000   .97784+000   .97723+000   .97663+000   .97602+000
 1   .99985+000   .99984+000   .99983+000   .99982+000   .99981+000
 2   1.00000   1.00000   1.00000   1.00000   1.00000
 H   = .28390-001   .28407-001   .28425-001   .28443-001   .28460-001

THETA= .40000+000   .41000+000   .42000+000   .43000+000   .44000+000
-I-   ---------------------------SUM-P(I)--------------------------
 0   .97542+000   .97481+000   .97421+000   .97361+000   .97301+000
 1   .99980+000   .99979+000   .99978+000   .99977+000   .99976+000
 2   1.00000   1.00000   1.00000   1.00000   1.00000
 H   = .28478-001   .28495-001   .28513-001   .28531-001   .28548-001

THETA= .45000+000   .46000+000   .47000+000   .48000+000   .49000+000
-I-   ---------------------------SUM-P(I)--------------------------
 0   .97240+000   .97180+000   .97120+000   .97060+000   .97000+000
 1   .99975+000   .99974+000   .99973+000   .99972+000   .99971+000
 2   1.00000   1.00000   1.00000   1.00000   1.00000
 H   = .28566-001   .28584-001   .28601-001   .28619-001   .28637-001

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   3   U3 =   3

THETA= .50000+000   .60000+000   .70000+000   .80000+000   .90000+000
-I-   ------------------------------SUM-P(I)----------------------------
0   .96940+000   .96344+000   .95752+000   .95165+000   .94583+000
1   .99970+000   .99956+000   .99941+000   .99923+000   .99903+000
2   1.00000   1.00000   1.00000   .99999+000   .99999+000
3   1.00000   1.00000
H = .29655-001   .28832-001   .29010-001   .29189-001   .29369-001

THETA= .10000+001   .11000+001   .12000+001   .13000+001   .14000+001
-I-   ------------------------------SUM-P(I)----------------------------
0   .94006+000   .93434+000   .92866+000   .92303+000   .91745+000
1   .99881+000   .99857+000   .99831+000   .99803+000   .99772+000
2   .99999+000   .99999+000   .99998+000   .99998+000   .99997+000
3   1.00000   1.00000   1.00000   1.00000   1.00000
H = .29549-001   .29730-001   .29912-001   .30094-001   .30277-001

THETA= .15000+001   .16000+001   .17000+001   .18000+001   .19000+001
-I-   ------------------------------SUM-P(I)----------------------------
0   .91191+000   .90641+000   .90097+000   .89556+000   .89020+000
1   .99740+000   .99706+000   .99669+000   .99631+000   .99591+000
2   .99996+000   .99996+000   .99995+000   .99994+000   .99993+000
3   1.00000   1.00000   1.00000   1.00000   1.00000
H = .30461-001   .30646-001   .30831-001   .31017-001   .31204-001

THETA= .20000+001   .21000+001   .22000+001   .23000+001   .24000+001
-I-   ------------------------------SUM-P(I)----------------------------
0   .88488+000   .87961+000   .87437+000   .86918+000   .86403+000
1   .99549+000   .99506+000   .99460+000   .99413+000   .99364+000
2   .99992+000   .99990+000   .99989+000   .99988+000   .99986+000
3   1.00000   1.00000   1.00000   1.00000   1.00000
H = .31391-001   .31580-001   .31769-001   .31958-001   .32149-001

THETA= .25000+001   .26000+001   .27000+001   .28000+001   .29000+001
-I-   ------------------------------SUM-P(I)----------------------------
0   .85893+000   .85386+000   .84883+000   .84384+000   .83889+000
1   .99313+000   .99261+000   .99207+000   .99151+000   .99094+000
2   .99984+000   .99982+000   .99980+000   .99978+000   .99976+000
3   1.00000   1.00000   1.00000   1.00000   1.00000
H = .32340-001   .32532-001   .32725-001   .32918-001   .33112-001

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3   U3 = 3

THETA=	.30000+001	.31000+001	.32000+001	.33000+001	.34000+001
-I-	--------------------------SUM-P(I)------------------				
0	.83398+000	.82911+000	.82428+000	.81948+000	.81472+000
1	.99035+000	.98975+000	.98913+000	.98850+000	.98785+000
2	.99974+000	.99971+000	.99968+000	.99965+000	.99962+000
3	1.00000	1.00000	.99999+000	.99999+000	.99999+000
4			1.00000	1.00000	1.00000
H =	.33307-001	.33503-001	.33700-001	.33897-001	.34095-001

THETA=	.35000+001	.36000+001	.37000+001	.38000+001	.39000+001
-I-	--------------------------SUM-P(I)------------------				
0	.81000+000	.80532+000	.80067+000	.79605+000	.79148+000
1	.98719+000	.98651+000	.98582+000	.98512+000	.98440+000
2	.99959+000	.99956+000	.99952+000	.99948+000	.99945+000
3	.99999+000	.99999+000	.99999+000	.99999+000	.99999+000
4	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.34294-001	.34493-001	.34693-001	.34894-001	.35096-001

THETA=	.40000+001	.41000+001	.42000+001	.43000+001	.44000+001
-I-	--------------------------SUM-P(I)------------------				
0	.78693+000	.78243+000	.77795+000	.77351+000	.76911+000
1	.98367+000	.98292+000	.98216+000	.98139+000	.98061+000
2	.99941+000	.99936+000	.99932+000	.99927+000	.99922+000
3	.99999+000	.99999+000	.99999+000	.99998+000	.99998+000
4	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.35299-001	.35502-001	.35706-001	.35911-001	.36117-001

THETA=	.45000+001	.46000+001	.47000+001	.48000+001	.49000+001
-I-	--------------------------SUM-P(I)------------------				
0	.76474+000	.76040+000	.75609+000	.75182+000	.74757+000
1	.97982+000	.97901+000	.97819+000	.97736+000	.97652+000
2	.99917+000	.99912+000	.99907+000	.99901+000	.99896+000
3	.99998+000	.99998+000	.99998+000	.99998+000	.99997+000
4	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.36323-001	.36531-001	.36739-001	.36948-001	.37157-001

THETA=	.50000+001	.52000+001	.54000+001	.56000+001	.58000+001
-I-	--------------------------SUM-P(I)------------------				
0	.74336+000	.73504+000	.72684+000	.71876+000	.71079+000
1	.97567+000	.97393+000	.97214+000	.97032+000	.96846+000
2	.99890+000	.99877+000	.99864+000	.99850+000	.99835+000
3	.99997+000	.99997+000	.99996+000	.99996+000	.99995+000
4	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.37368-001	.37791-001	.38217-001	.38647-001	.39080-001

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3   U3 = 3

THETA=	.60000+001	.62000+001	.64000+001	.66000+001	.68000+001
-I-			-SUM-P(I)-		
0	.70295+000	.69522+000	.68760+000	.68009+000	.67269+000
1	.96656+000	.96462+000	.96264+000	.96063+000	.95858+000
2	.99819+000	.99802+000	.99784+000	.99766+000	.99747+000
3	.99995+000	.99994+000	.99993+000	.99992+000	.99991+000
4	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.39516-001	.39955-001	.40398-001	.40844-001	.41294-001

THETA=	.70000+001	.72000+001	.74000+001	.76000+001	.78000+001
-I-			-SUM-P(I)-		
0	.66540+000	.65821+000	.65112+000	.64413+000	.63724+000
1	.95651+000	.95440+000	.95226+000	.95009+000	.94790+000
2	.99726+000	.99705+000	.99683+000	.99660+000	.99636+000
3	.99990+000	.99989+000	.99988+000	.99987+000	.99986+000
4	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.41746-001	.42202-001	.42662-001	.43125-001	.43591-001

THETA=	.80000+001	.82000+001	.84000+001	.86000+001	.88000+001
-I-			-SUM-P(I)-		
0	.63045+000	.62375+000	.61715+000	.61063+000	.60421+000
1	.94567+000	.94342+000	.94115+000	.93885+000	.93653+000
2	.99611+000	.99585+000	.99558+000	.99530+000	.99501+000
3	.99984+000	.99983+000	.99981+000	.99980+000	.99978+000
4	1.00000	1.00000	1.00000	.99999+000	.99999+000
5				1.00000	1.00000
H =	.44060-001	.44533-001	.45010-001	.45490-001	.45974-001

THETA=	.90000+001	.92000+001	.94000+001	.96000+001	.98000+001
-I-			-SUM-P(I)-		
0	.59788+000	.59163+000	.58547+000	.57939+000	.57339+000
1	.93418+000	.93182+000	.92943+000	.92702+000	.92460+000
2	.99472+000	.99441+000	.99409+000	.99377+000	.99343+000
3	.99976+000	.99974+000	.99972+000	.99970+000	.99968+000
4	.99999+000	.99999+000	.99999+000	.99999+000	.99999+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.46461-001	.46951-001	.47446-001	.47943-001	.48445-001

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   3   U3 =   3

THETA=	.10000+002	.10200+002	.10400+002	.10600+002	.10800+002
-I-			SUM-P(I)		
0	.56748+000	.56164+000	.55589+000	.55020+000	.54460+000
1	.92215+000	.91969+000	.91721+000	.91472+000	.91220+000
2	.99309+000	.99273+000	.99237+000	.99199+000	.99161+000
3	.99965+000	.99963+000	.99960+000	.99958+000	.99955+000
4	.99999+000	.99999+000	.99999+000	.99999+000	.99998+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.48950-001	.49458-001	.49970-001	.50486-001	.51006-001

THETA=	.11000+002	.11200+002	.11400+002	.11600+002	.11800+002
-I-			SUM-P(I)		
0	.53907+000	.53361+000	.52823+000	.52291+000	.51766+000
1	.90968+000	.90714+000	.90459+000	.90202+000	.89944+000
2	.99121+000	.99081+000	.99040+000	.98997+000	.98954+000
3	.99952+000	.99949+000	.99945+000	.99942+000	.99938+000
4	.99998+000	.99998+000	.99998+000	.99998+000	.99998+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.51529-001	.52056-001	.52587-001	.53122-001	.53660-001

THETA=	.12000+002	.12200+002	.12400+002	.12600+002	.12800+002
-I-			SUM-P(I)		
0	.51249+000	.50738+000	.50233+000	.49735+000	.49244+000
1	.89685+000	.89425+000	.89164+000	.88902+000	.88638+000
2	.98910+000	.98865+000	.98819+000	.98771+000	.98723+000
3	.99935+000	.99931+000	.99927+000	.99923+000	.99919+000
4	.99998+000	.99997+000	.99997+000	.99997+000	.99997+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.54202-001	.54748-001	.55298-001	.55851-001	.56409-001

THETA=	.13000+002	.13200+002	.13400+002	.13600+002	.13800+002
-I-			SUM-P(I)		
0	.48758+000	.48279+000	.47806+000	.47339+000	.46878+000
1	.88374+000	.88109+000	.87844+000	.87577+000	.87310+000
2	.98674+000	.98625+000	.98574+000	.98522+000	.98469+000
3	.99914+000	.99910+000	.99905+000	.99900+000	.99895+000
4	.99997+000	.99996+000	.99996+000	.99996+000	.99996+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.56970-001	.57536-001	.58105-001	.58678-001	.59256-001

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 =   3   U3 =   3

THETA=	.14000+002	.14200+002	.14400+002	.14600+002	.14800+002
-I-			--SUM-P(I)--		
0	.46422+000	.45973+000	.45529+000	.45090+000	.44657+000
1	.87042+000	.86774+000	.86505+000	.86235+000	.85965+000
2	.98416+000	.98361+000	.98306+000	.98249+000	.98192+000
3	.99890+000	.99885+000	.99879+000	.99873+000	.99867+000
4	.99995+000	.99995+000	.99995+000	.99994+000	.99994+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.59837-001	.60422-001	.61012-001	.61605-001	.62202-001

THETA=	.15000+002	.15500+002	.16000+002	.16500+002	.17000+002
-I-			--SUM-P(I)--		
0	.44229+000	.43183+000	.42168+000	.41183+000	.40228+000
1	.85694+000	.85016+000	.84336+000	.83654+000	.82971+000
2	.98134+000	.97984+000	.97829+000	.97669+000	.97503+000
3	.99861+000	.99845+000	.99828+000	.99810+000	.99791+000
4	.99994+000	.99993+000	.99992+000	.99990+000	.99989+000
5	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.62804-001	.64326-001	.65874-001	.67449-001	.69050-001

THETA=	.17500+002	.18000+002	.18500+002	.19000+002	.19500+002
-I-			--SUM-P(I)--		
0	.39301+000	.38402+000	.37528+000	.36680+000	.35856+000
1	.82287+000	.81603+000	.80920+000	.80237+000	.79555+000
2	.97332+000	.97156+000	.96975+000	.96788+000	.96597+000
3	.99770+000	.99748+000	.99725+000	.99700+000	.99674+000
4	.99988+000	.99986+000	.99984+000	.99983+000	.99981+000
5	1.00000	.99999+000	.99999+000	.99999+000	.99999+000
6		1.00000	1.00000	1.00000	1.00000
H =	.70679-001	.72335-001	.74019-001	.75731-001	.77471-001

THETA=	.20000+002	.21000+002	.22000+002	.23000+002	.24000+002
-I-			--SUM-P(I)--		
0	.35055+000	.33521+000	.32071+000	.30700+000	.29402+000
1	.78874+000	.77517+000	.76169+000	.74831+000	.73505+000
2	.96401+000	.95996+000	.95572+000	.95131+000	.94674+000
3	.99647+000	.99589+000	.99524+000	.99454+000	.99379+000
4	.99978+000	.99974+000	.99968+000	.99962+000	.99955+000
5	.99999+000	.99999+000	.99999+000	.99998+000	.99998+000
6	1.00000	1.00000	1.00000	1.00000	1.00000
H =	.79240-001	.82867-001	.86613-001	.90482-001	.94476-001

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$$U2 = 3 \qquad U3 = 3$$

THETA=	.25000+002	.30000+002	.35000+002	.40000+002	.45000+002
-I-			SUM-P(I)		
0	.28173+000	.22909+000	.18818+000	.15595+000	.13024+000
1	.72192+000	.65863+000	.59983+000	.54591+000	.49655+000
2	.94202+000	.91636+000	.88798+000	.85771+000	.82622+000
3	.99297+000	.98795+000	.98136+000	.97322+000	.96359+000
4	.99947+000	.99891+000	.99804+000	.99680+000	.99513+000
5	.99997+000	.99993+000	.99986+000	.99974+000	.99956+000
6	1.00000	1.00000	.99999+000	.99999+000	.99997+000
7			1.00000	1.00000	1.00000
H =	.99599-001	.12125+000	.14761+000	.17812+000	.21328+000

THETA=	.50000+002	.55000+002	.60000+002	.65000+002	.70000+002
-I-			SUM-P(I)		
0	.10953+000	.92687-001	.78876-001	.67467-001	.57980-001
1	.45181+000	.41130+000	.37466+000	.34155+000	.31164+000
2	.79410+000	.76177+000	.72960+000	.69787+000	.66677+000
3	.95256+000	.94025+000	.92679+000	.91231+000	.89694+000
4	.99298+000	.99034+000	.98716+000	.98343+000	.97915+000
5	.99930+000	.99894+000	.99848+000	.99788+000	.99713+000
6	.99995+000	.99992+000	.99987+000	.99981+000	.99972+000
7	1.00000	1.00000	.99999+000	.99999+000	.99998+000
8			1.00000	1.00000	1.00000
H =	.25361+000	.29969+000	.35217+000	.41172+000	.47909+000

THETA=	.75000+002	.80000+002	.85000+002	.90000+002	.95000+002
-I-			SUM-P(I)		
0	.50042-001	.43363-001	.37714-001	.32914-001	.28818-001
1	.28461+000	.26018+000	.23807+000	.21806+000	.19992+000
2	.63647+000	.60708+000	.57868+000	.55132+000	.52502+000
3	.88081+000	.86404+000	.84675+000	.82903+000	.81099+000
4	.97431+000	.96893+000	.96300+000	.95655+000	.94960+000
5	.99623+000	.99515+000	.99388+000	.99242+000	.99075+000
6	.99961+000	.99946+000	.99928+000	.99906+000	.99879+000
7	.99997+000	.99996+000	.99994+000	.99991+000	.99988+000
8	1.00000	1.00000	1.00000	.99999+000	.99999+000
9				1.00000	1.00000
H =	.55509+000	.64059+000	.73653+000	.84394+000	.96391+000

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3   U3 = 3

THETA= .10000+003

-I-	-----------------------SUM-P(I)------------------------------
0	.25307-001
1	.19348+000
2	.49982+000
3	.79272+000
4	.94216+000
5	.98886+000
6	.99847+000
7	.99985+000
8	.99999+000
9	1.00000
H = .10976+001	